

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034001.D
 Acq On : 26 Apr 2018 00:12
 Operator : SJ/JU
 Sample : PB108579BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BS

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:16:46 PM

Quant Time: Apr 26 07:08:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	63578	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	301306	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	207467	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	521886	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	541351	20.00	ng	-0.02
86) Perylene-d12	24.53	264	562684	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	563350	141.47	ng	0.00
7) Phenol-d6	7.00	99	774064	133.27	ng	0.00
23) Nitrobenzene-d5	8.98	82	468968	88.58	ng	-0.01
41) 2,4,6-Tribromophenol	15.96	330	365070	150.83	ng	-0.01
44) 2-Fluorobiphenyl	13.08	172	1247150	88.31	ng	-0.02
78) Terphenyl-d14	19.85	244	2085813	86.56	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	47830	28.424	ng	90
3) Pyridine	3.80	79	144319	29.642	ng	93
4) n-Nitrosodimethylamine	3.71	42	85590	38.587	ng	# 88
6) Aniline	7.16	93	172860	22.264	ng	97
8) 2-Chlorophenol	7.40	128	203762	45.665	ng	93
9) Benzaldehyde	6.97	77	82000	23.703	ng	97
10) Phenol	7.03	94	263867	44.345	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	173131	38.043	ng	93
12) 1,3-Dichlorobenzene	7.72	146	190798	37.144	ng	97
13) 1,4-Dichlorobenzene	7.86	146	195285	37.536	ng	95
14) 1,2-Dichlorobenzene	8.18	146	188309	37.219	ng	95
15) Benzyl Alcohol	8.06	79	199664	39.422	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.35	45	294830	33.216	ng	95
17) 2-Methylphenol	8.27	107	181384	41.135	ng	97
18) Hexachloroethane	8.90	117	67934	35.733	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	170648	34.467	ng	# 98
20) 3+4-Methylphenols	8.59	107	257782	40.234	ng	95
22) Acetophenone	8.64	105	296169	36.115	ng	# 95
24) Nitrobenzene	9.02	77	234270	40.606	ng	97
25) Isophorone	9.54	82	454645	38.194	ng	# 95
26) 2-Nitrophenol	9.72	139	114955	50.427	ng	93
27) 2,4-Dimethylphenol	9.79	122	211289	49.553	ng	92
28) bis(2-Chloroethoxy)methane	10.03	93	267176	42.470	ng	95
29) 2,4-Dichlorophenol	10.26	162	232178	48.846	ng	94
30) 1,2,4-Trichlorobenzene	10.48	180	221572	41.619	ng	98
31) Naphthalene	10.66	128	612533	39.532	ng	99
32) Benzoic acid	9.93	122	161372	39.034	ng	94
33) 4-Chloroaniline	10.77	127	102076	14.016	ng	96
34) Hexachlorobutadiene	10.95	225	130982	41.127	ng	97
35) Caprolactam	11.54	113	83340m	41.239	ng	
36) 4-Chloro-3-methylphenol	11.90	107	247030	42.581	ng	# 90
37) 2-Methylnaphthalene	12.27	142	484566	40.847	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	287975	41.801	ng	98
40) Hexachlorocyclopentadiene	12.63	237	371167	97.986	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	202031	48.099	nq	94
43) 2,4,5-Trichlorophenol	12.95	196	225450	46.688	nq	97
45) 1,1'-Biphenyl	13.30	154	672186	40.025	nq	98
46) 2-Chloronaphthalene	13.33	162	510575	40.095	nq	98
47) 2-Nitroaniline	13.54	65	168597	42.403	nq #	86
48) Acenaphthylene	14.18	152	821232	38.797	nq	99
49) Dimethylphthalate	13.92	163	697007	38.193	nq	98
50) 2,6-Dinitrotoluene	14.04	165	159683	46.171	nq	89
51) Acenaphthene	14.52	154	504986	37.977	nq	98
52) 3-Nitroaniline	14.37	138	80451	21.422	nq #	76
53) 2,4-Dinitrophenol	14.57	184	116145	93.904	nq #	57
54) Dibenzofuran	14.86	168	807310	40.951	nq	98
55) 4-Nitrophenol	14.68	139	287410	97.582	nq #	84
56) 2,4-Dinitrotoluene	14.83	165	224474	48.809	nq #	77
57) Fluorene	15.51	166	678156	39.753	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	220114	49.784	nq #	95
59) Diethylphthalate	15.30	149	713205	36.972	nq	98
60) 4-Chlorophenyl-phenylether	15.51	204	375651	42.100	nq	95
61) 4-Nitroaniline	15.53	138	173844	43.599	nq	90
62) Azobenzene	15.80	77	624378	36.311	nq	96
64) 4,6-Dinitro-2-methylphenol	15.59	198	103126	41.978	nq	89
65) n-Nitrosodiphenylamine	15.73	169	599700	39.525	nq	98
66) 4-Bromophenyl-phenylether	16.40	248	245338	42.806	nq	98
67) Hexachlorobenzene	16.52	284	250545	40.991	nq #	72
68) Atrazine	16.68	200	259771	43.702	nq	98
69) Pentachlorophenol	16.86	266	334541	79.681	nq #	58
70) Phenanthrene	17.26	178	1104792	39.461	nq	97
71) Anthracene	17.34	178	1127706	40.278	nq	98
72) Carbazole	17.61	167	1042362	38.590	nq	97
73) Di-n-butylphthalate	18.20	149	1267970	37.734	nq	99
74) Fluoranthene	19.27	202	1415871	41.807	nq	96
76) Benzidine	19.46	184	443719	30.353	nq	98
77) Pyrene	19.64	202	1402036	39.486	nq	95
79) Butylbenzylphthalate	20.55	149	581944	37.321	nq	93
80) Benzo(a)anthracene	21.45	228	1397735	40.945	nq	97
81) 3,3'-Dichlorobenzidine	21.37	252	280296	22.022	nq	98
82) Chrysene	21.52	228	1310790	40.211	nq	95
83) Bis(2-ethylhexyl)phthalate	21.39	149	813980	36.963	nq	98
84) Di-n-octyl phthalate	22.56	149	1388854	39.735	nq	98
85) Indeno(1,2,3-cd)pyrene	27.99	276	1621170	43.690	nq #	93
87) Benzo(b)fluoranthene	23.56	252	1414198	41.198	nq	99
88) Benzo(k)fluoranthene	23.63	252	1354219	39.716	nq	98
89) Benzo(a)pyrene	24.38	252	1369551	41.659	nq	100
90) Dibenzo(a,h)anthracene	28.06	278	1345318	42.291	nq	99
91) Benzo(g,h,i)perylene	29.07	276	1342158	42.879	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

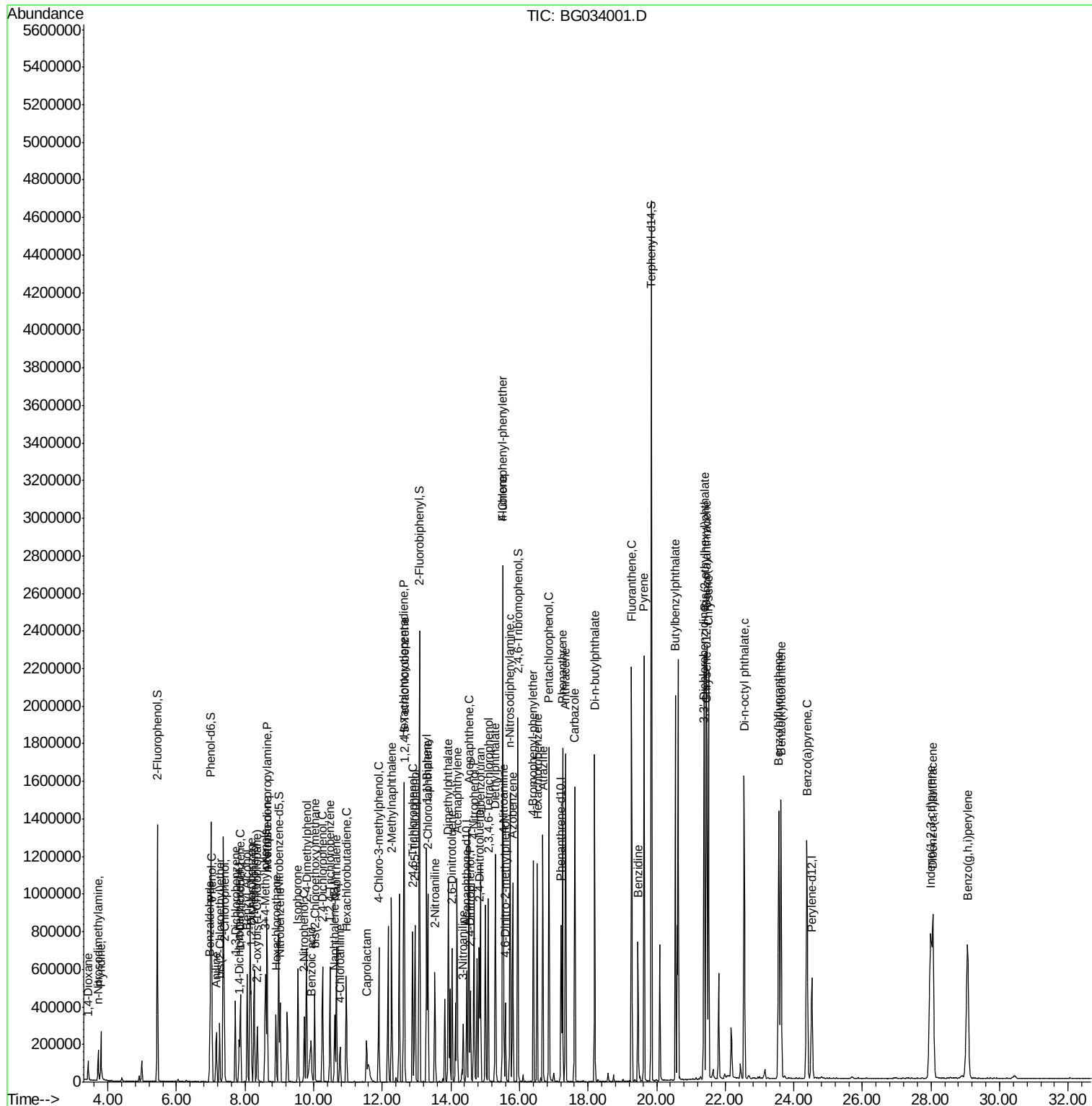
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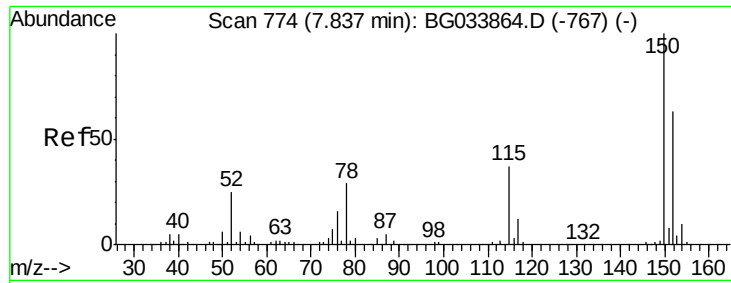
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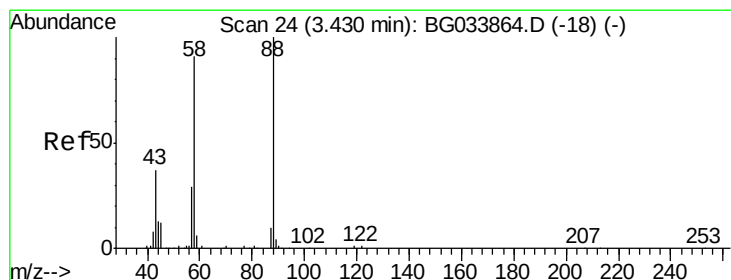
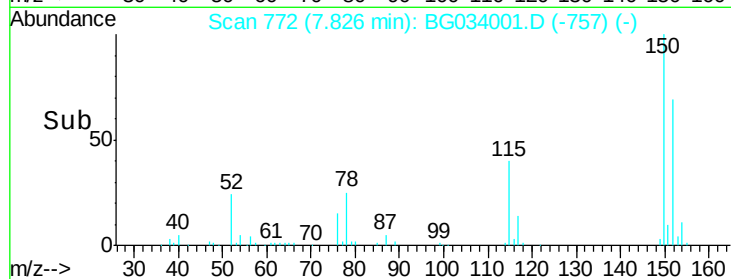
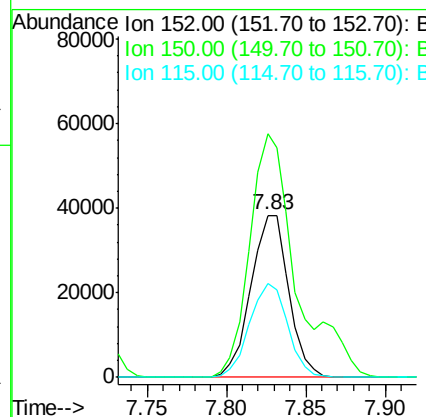
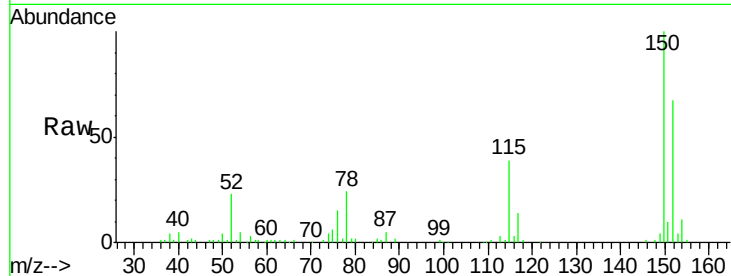
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	126.6	189.8
115	58.2	53.0	79.4

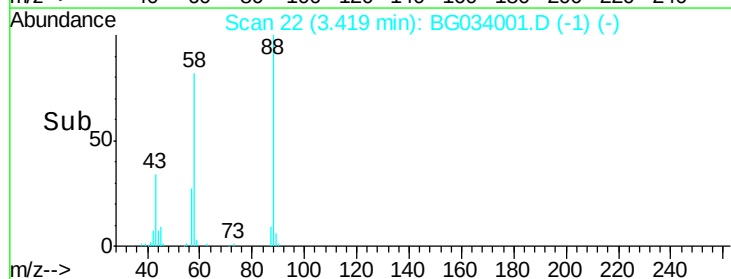
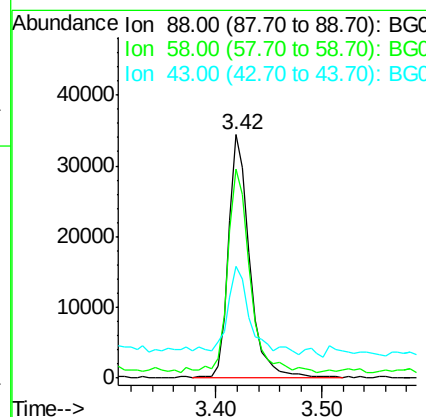
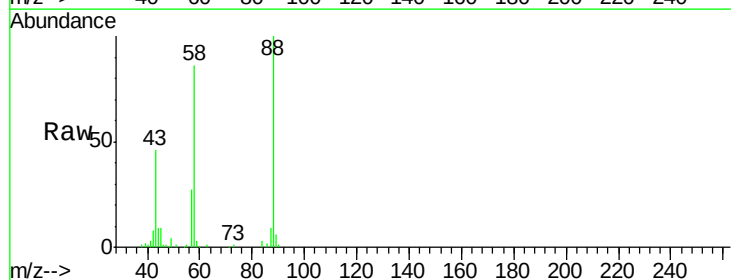
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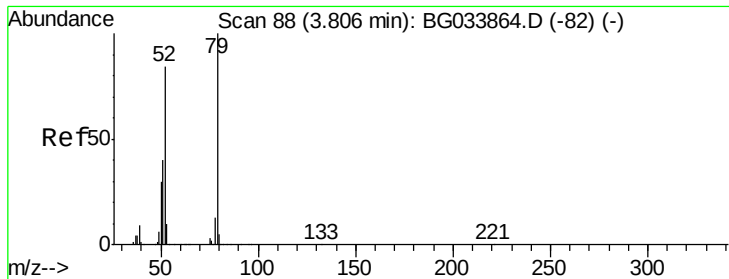
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#2
 1,4-Dioxane
 Concen: 28.424 ng
 RT: 3.42 min Scan# 22
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	79.6	119.4
43	37.4	27.4	41.0





#3

Pvridine

Concen: 29.642 ng

RT: 3.80 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

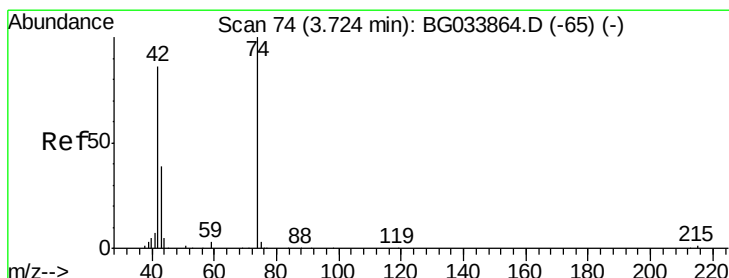
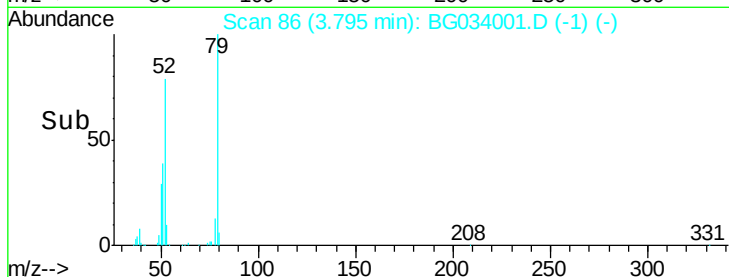
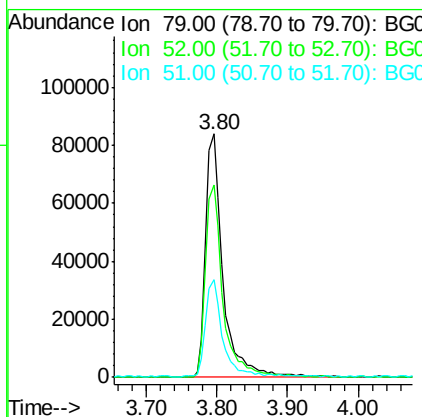
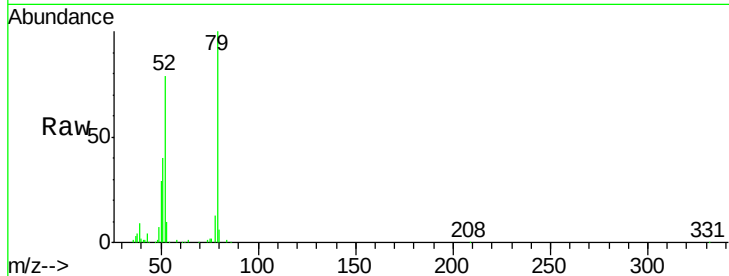
ClientSampleId :

PB108579BS

Tot Ion:	79	Resp:	144319
Ion	Ratio	Lower	Upper
79	100		
52	78.8	69.9	104.9
51	40.2	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 38.587 ng

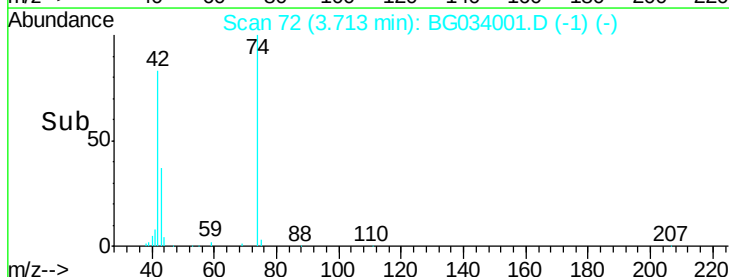
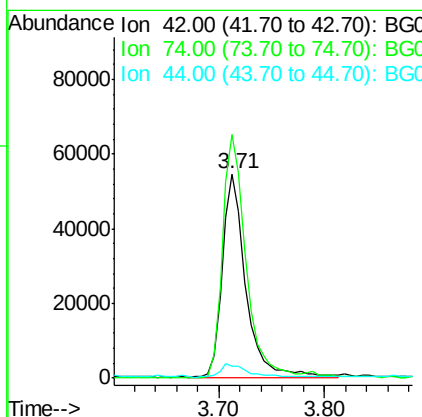
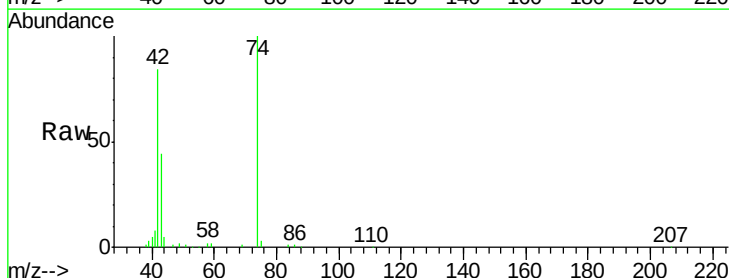
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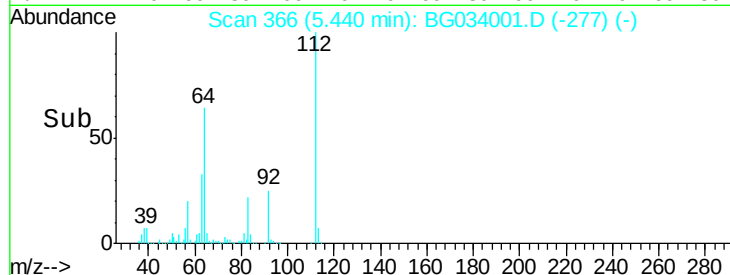
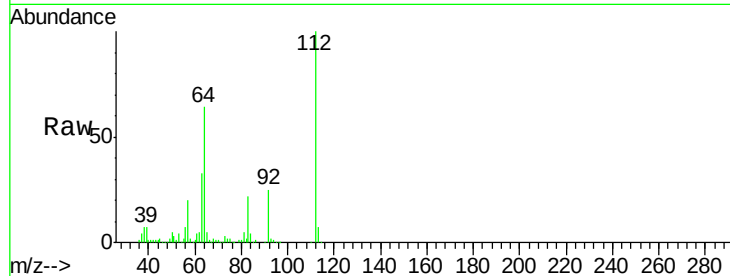
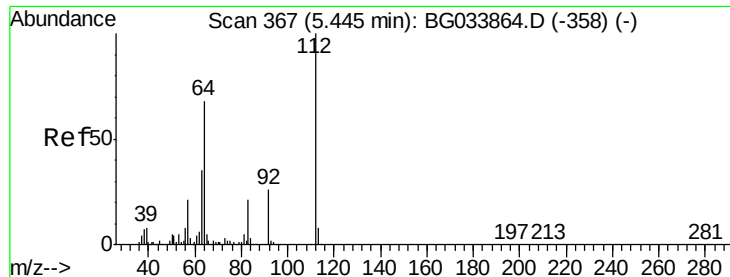
Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:	42	Resp:	85590
Ion	Ratio	Lower	Upper
42	100		
74	119.2	102.5	153.7
44	5.9	18.9	28.3





#5

2-Fluorophenol

Concen: 141.465 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.00 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tot Ion:	112	Resp:	563350
Ion Ratio	Lower	Upper	
112	100		
64	64.3	56.3	84.5
63	33.5	30.1	45.1

Instrument :

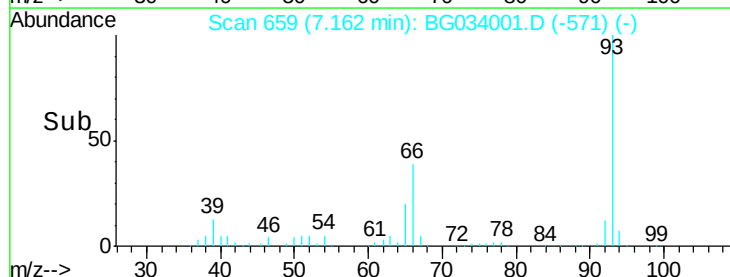
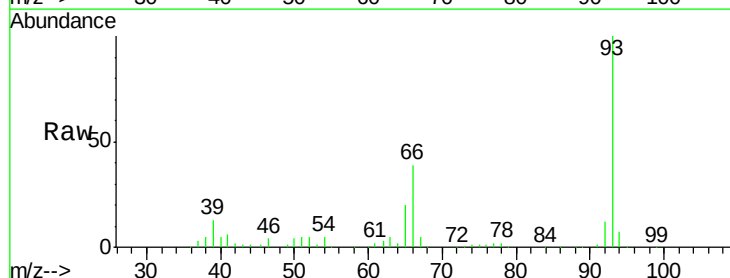
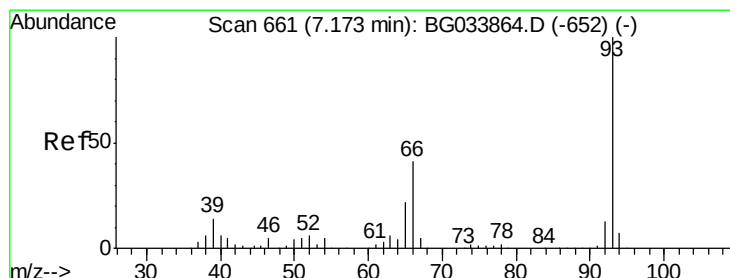
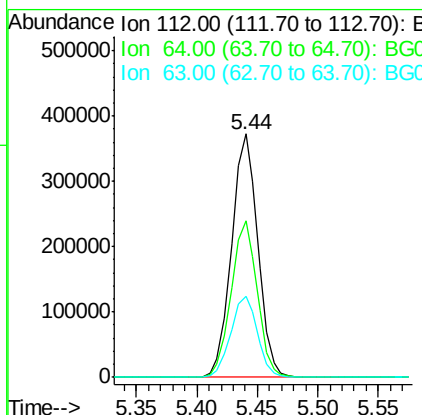
BNA_G

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#6

Aniline

Concen: 22.264 ng

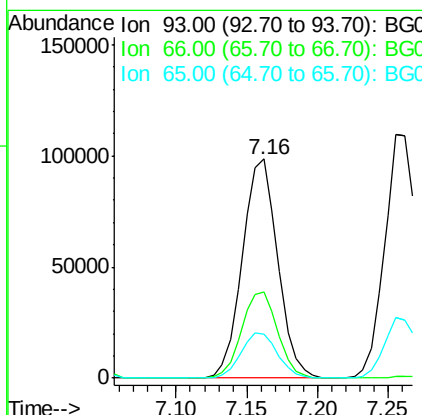
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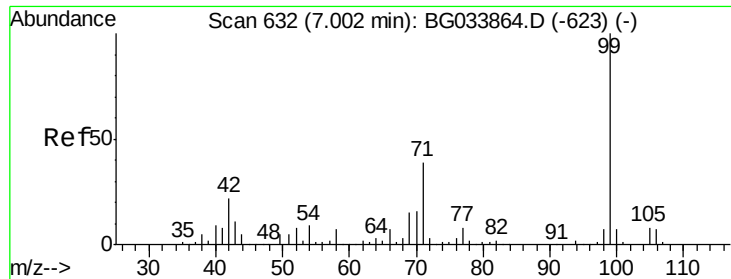
Delta R.T. -0.01 min

Lab File: BG034001.D

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Tgt Ion:	93	Resp:	172860
Ion Ratio	Lower	Upper	
93	100		
66	39.4	33.7	50.5
65	19.9	16.1	24.1





#7

Phenol-d6

Concen: 133.267 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

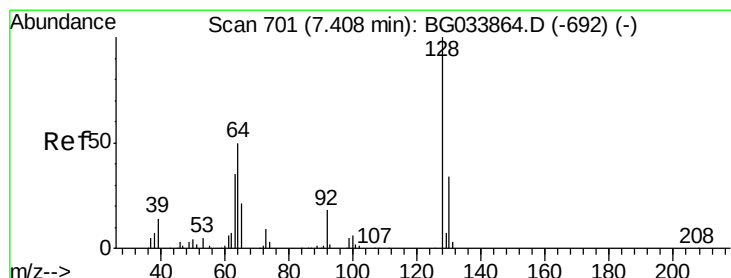
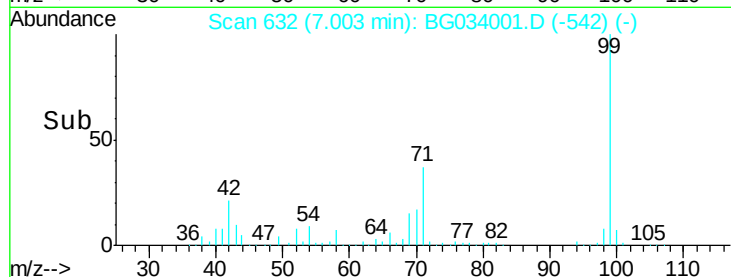
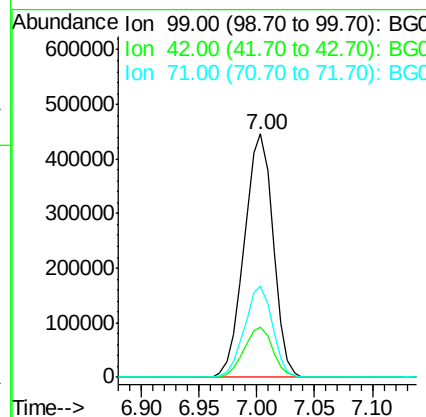
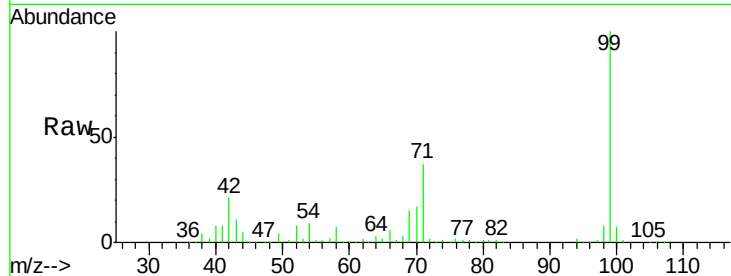
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Tot Ion:	99	Resp:	774064
Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.1	21.1
71	37.5	26.1	39.1

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#8

2-Chlorophenol

Concen: 45.665 ng

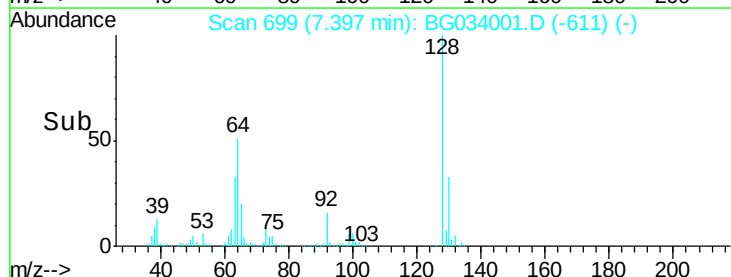
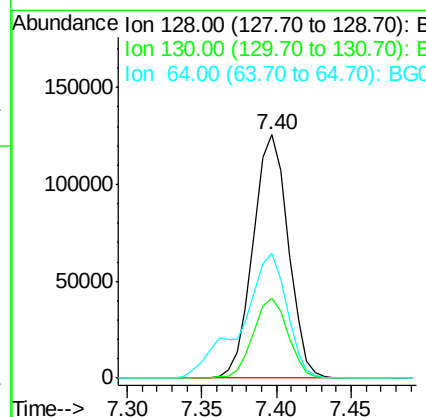
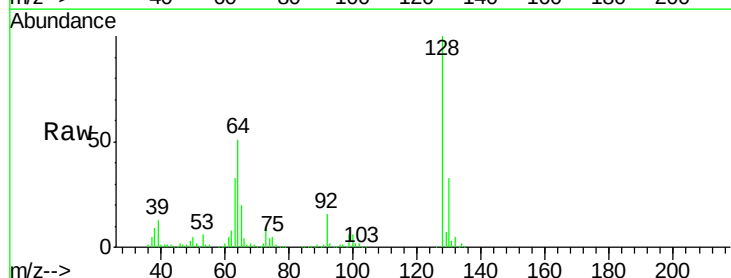
RT: 7.40 min Scan# 699

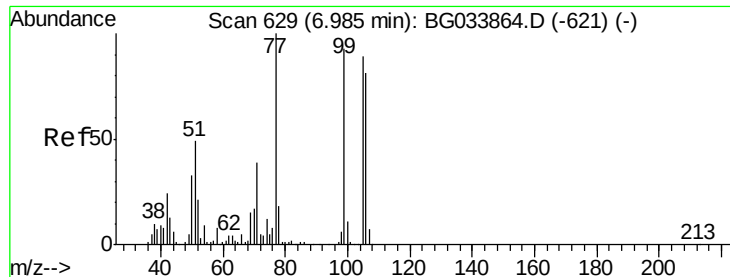
Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:	128	Resp:	203762
Ion	Ratio	Lower	Upper
128	100		
130	32.8	14.0	54.0
64	50.9	37.7	77.7





#9

Benzaldehyde

Concen: 23.703 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG034001.D

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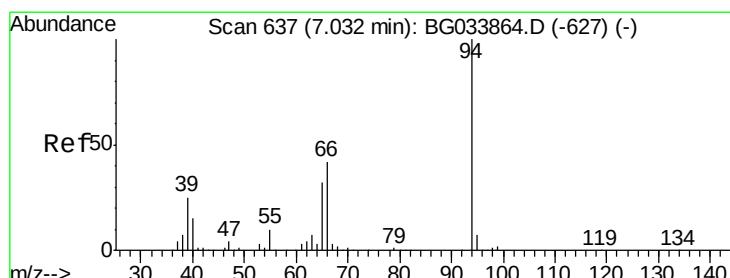
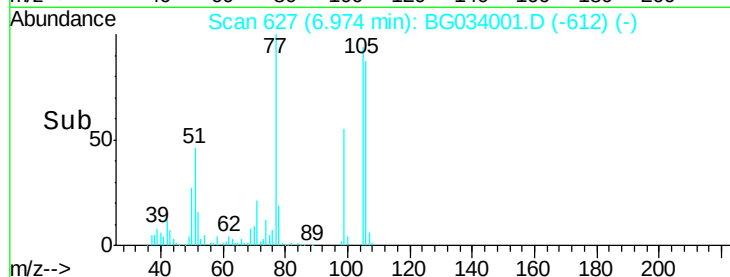
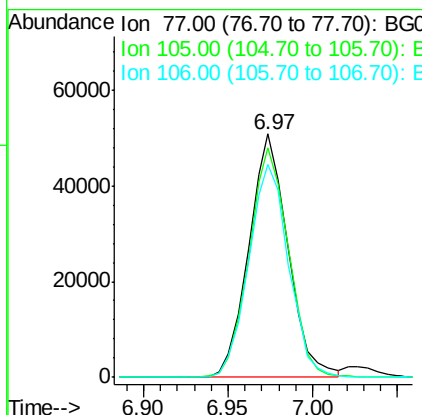
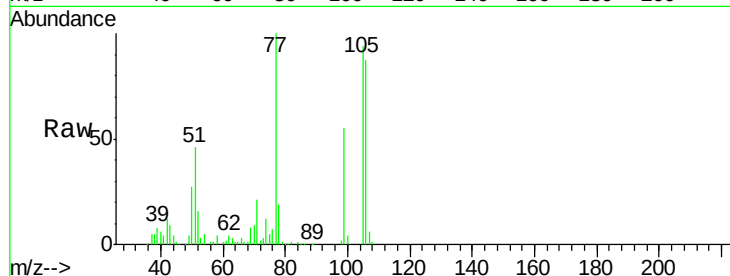
ClientSampleId :

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Tot Ion:	77	Resp:	82000
Ion	Ratio	Lower	Upper
77	100		
105	94.1	71.3	111.3
106	87.5	64.2	104.2

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#10

Phenol

Concen: 44.345 ng

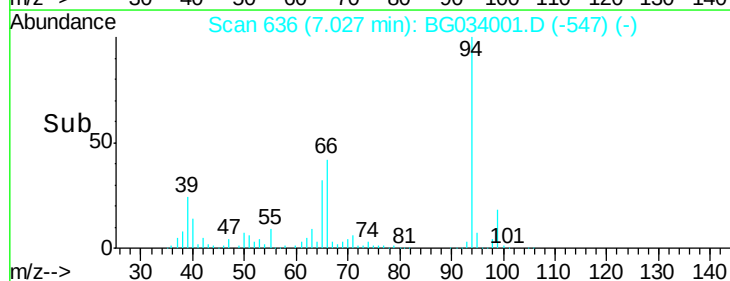
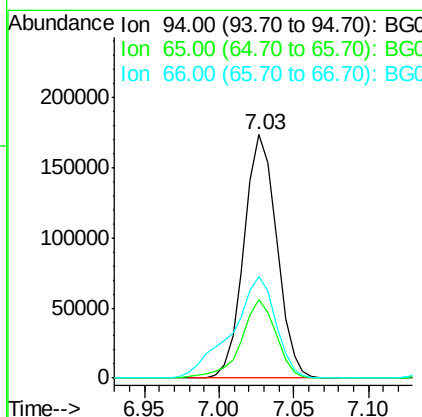
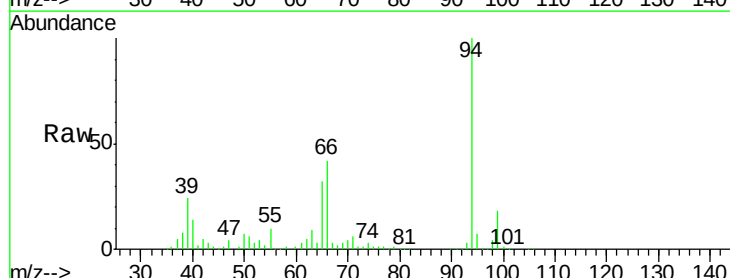
RT: 7.03 min Scan# 636

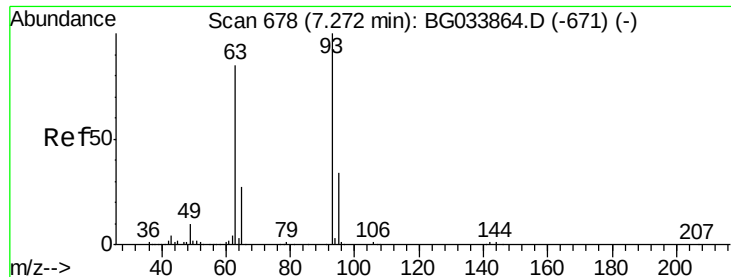
Delta R.T. -0.00 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:	94	Resp:	263867
Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.9	51.9
66	41.6	22.2	62.2





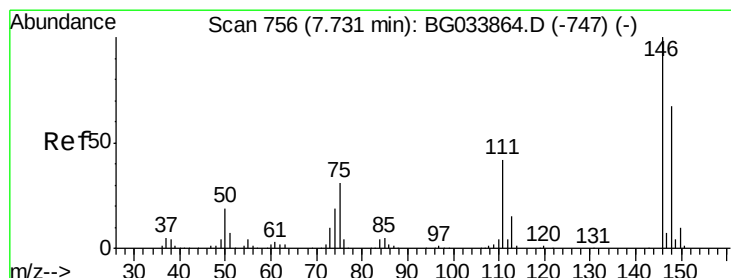
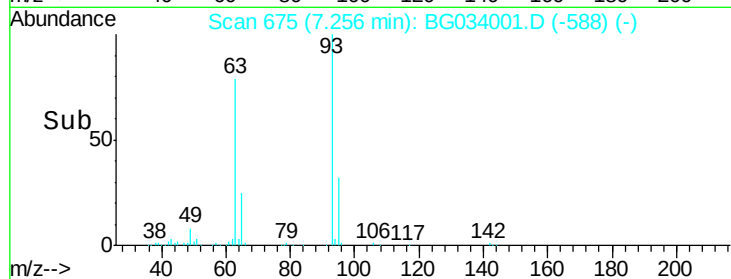
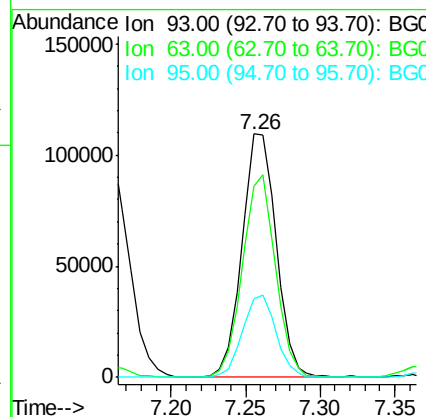
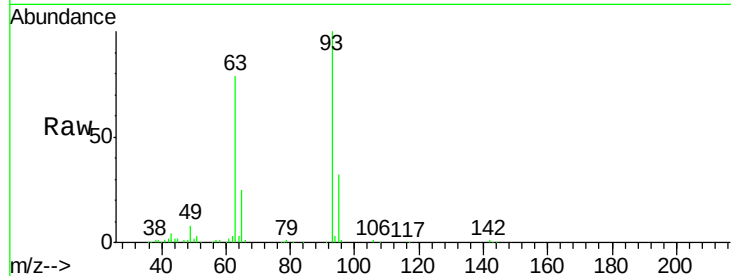
#11
bis(2-Chloroethyl)ether
Concen: 38.043 ng
RT: 7.26 min Scan# 675
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampled :
PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	173131		
63	78.5	67.1	107.1	
95	32.4	11.5	51.5	

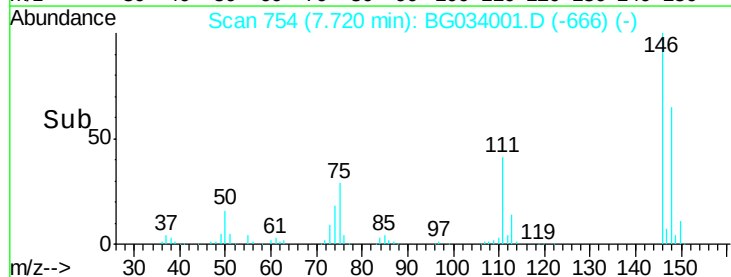
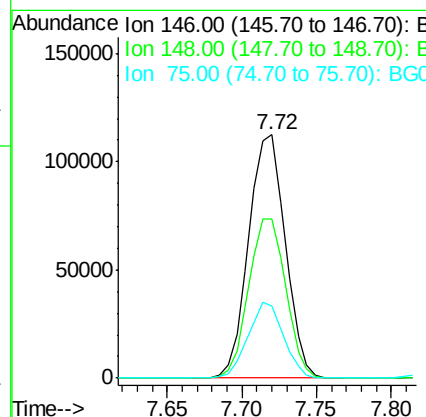
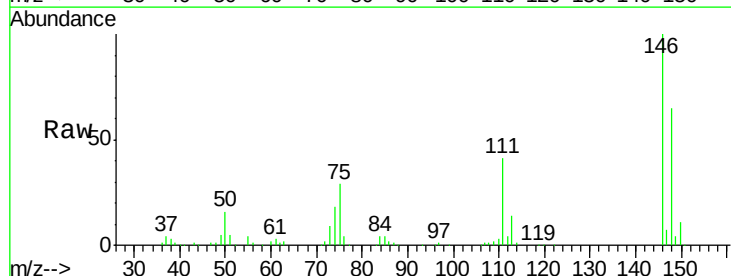
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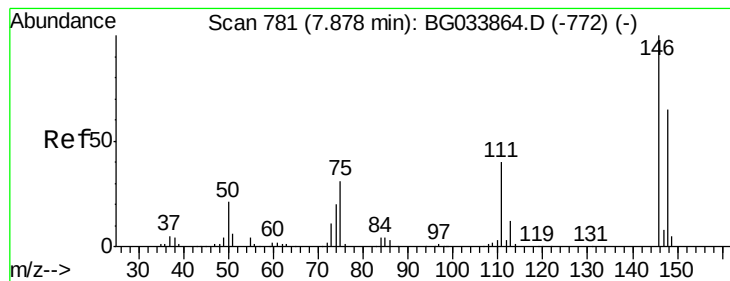
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.144 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	190798		
148	65.3	51.4	77.2	
75	29.5	26.6	39.8	





#13

1,4-Dichlorobenzene

Concen: 37.536 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

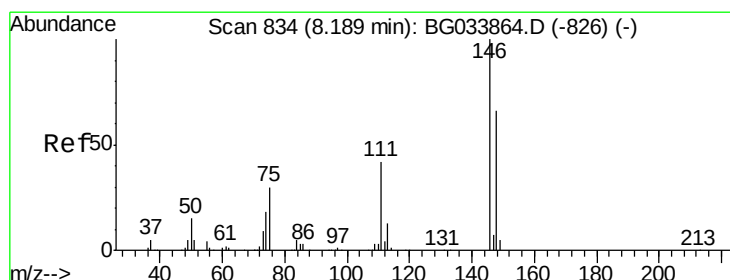
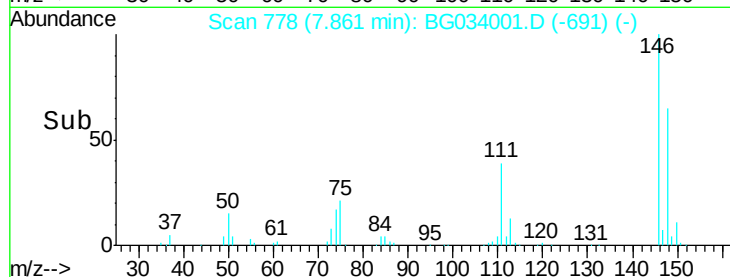
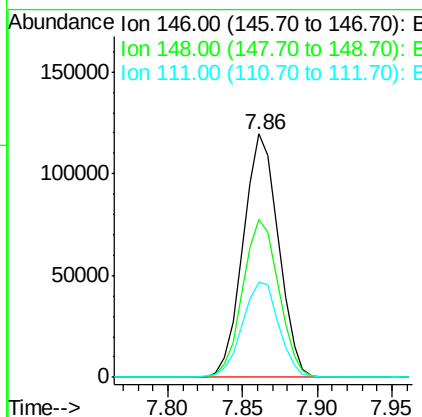
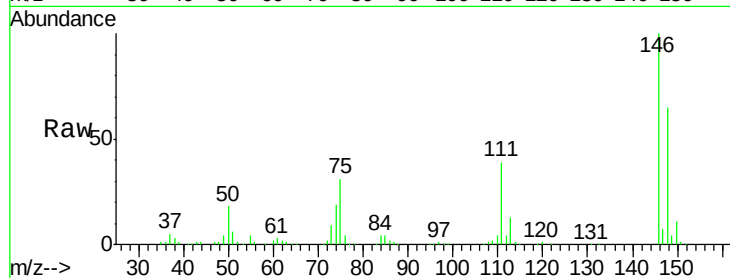
ClientSampled :

PB108579BS

Tot Ion:	146	Resp:	195285
Ion Ratio	Lower	Upper	
146	100		
148	64.8	53.7	80.5
111	39.2	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 37.219 ng

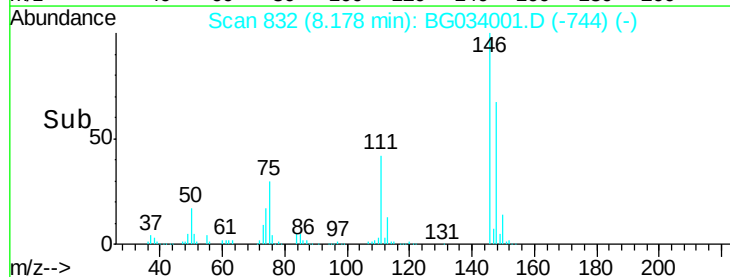
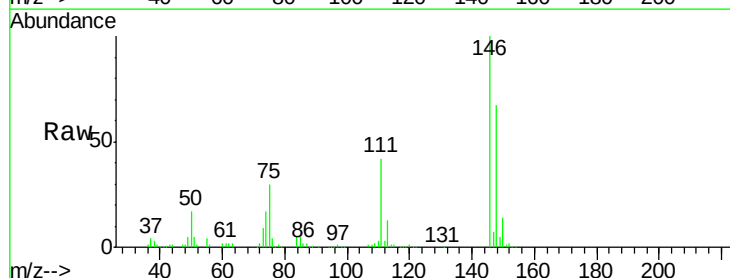
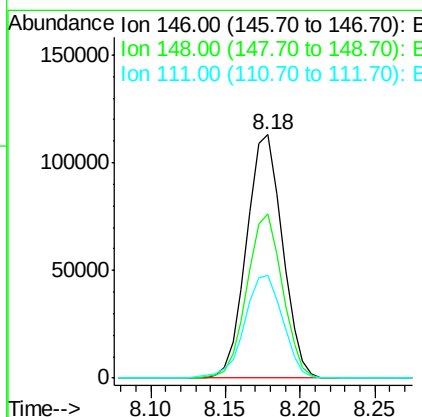
RT: 8.18 min Scan# 832

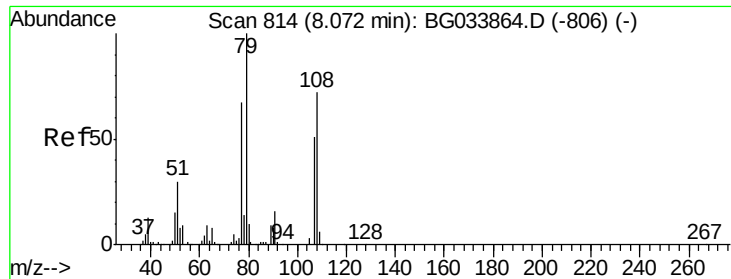
Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:	146	Resp:	188309
Ion Ratio	Lower	Upper	
146	100		
148	67.5	49.3	73.9
111	42.2	34.3	51.5





#15

Benzyl Alcohol

Concen: 39.422 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

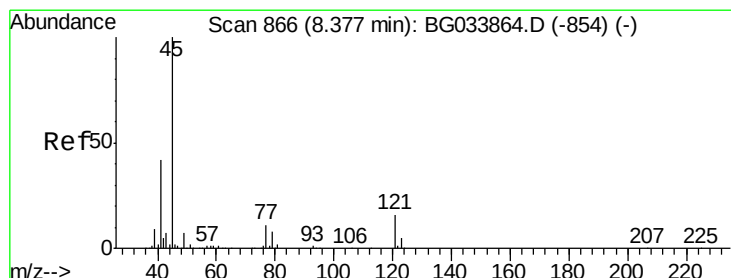
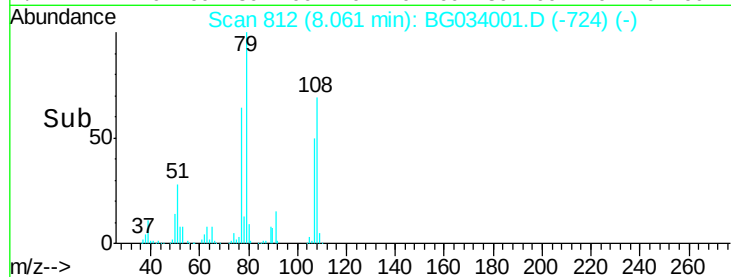
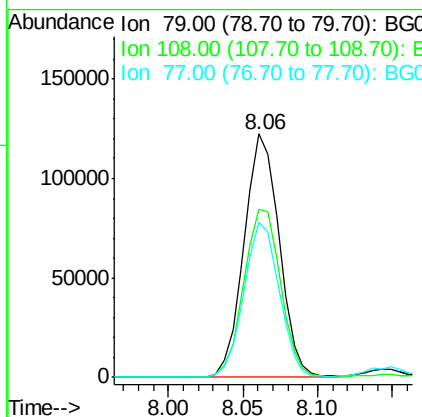
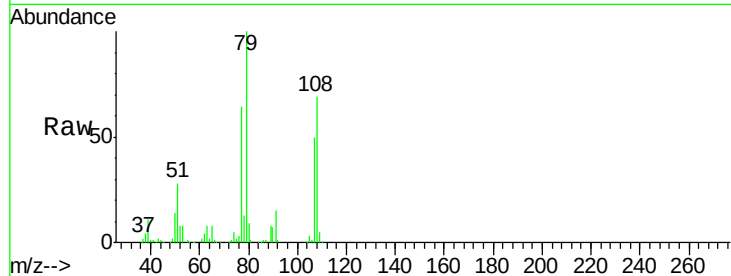
ClientSampleId :

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Tot Ion:	79	Resp:	199664
Ion Ratio	Lower	Upper	
79	100		
108	69.1	57.2	85.8
77	63.6	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.216 ng

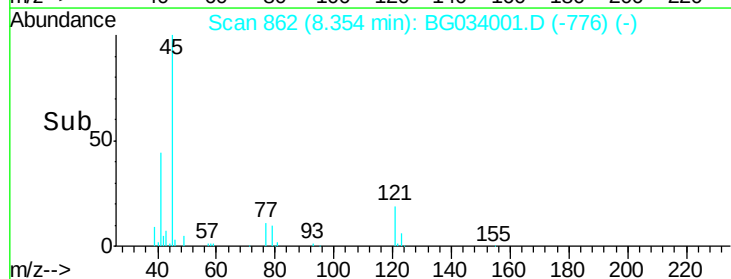
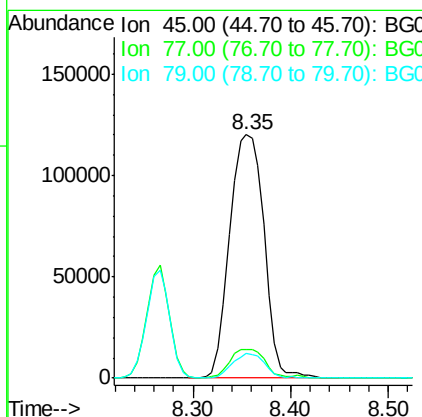
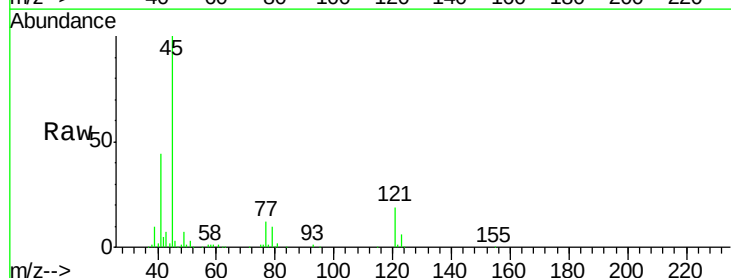
RT: 8.35 min Scan# 862

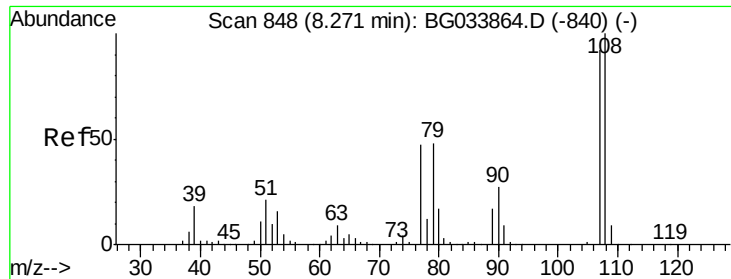
Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:	45	Resp:	294830
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	30.2
79	10.1	0.0	27.9





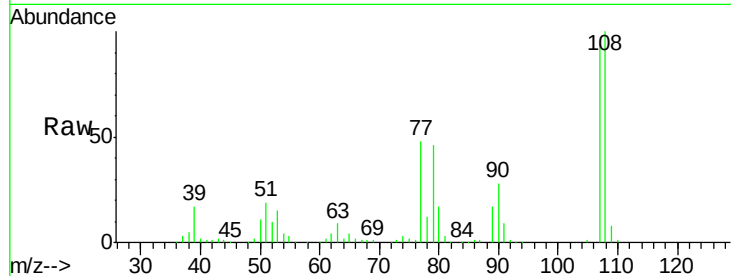
#17
2-Methylphenol
Concen: 41.135 ng
RT: 8.27 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

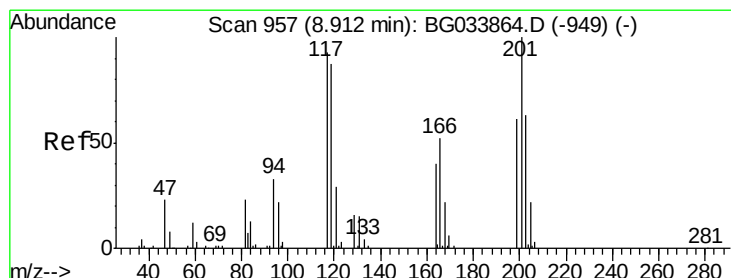
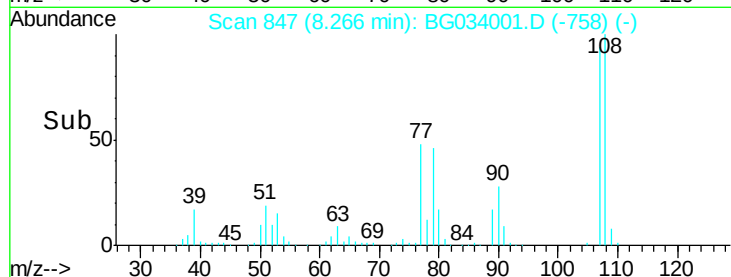
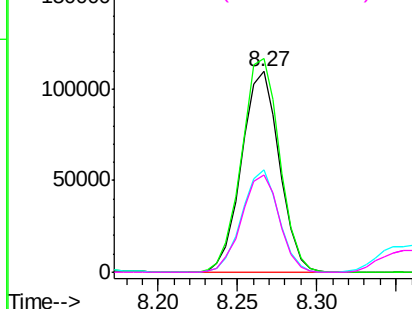
Tot Ion	107	Resp	181384
Ion Ratio	Lower	Upper	
107	100		
108	106.4	83.9	125.9
77	50.9	37.2	55.8
79	48.4	36.2	54.2

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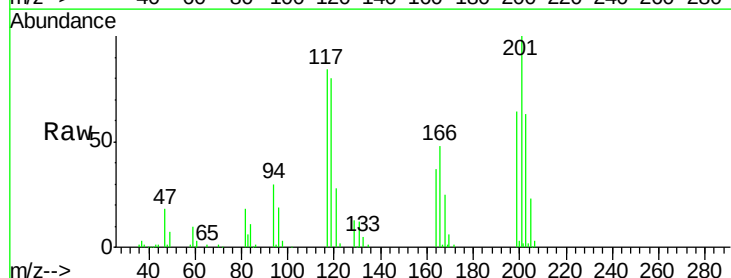


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

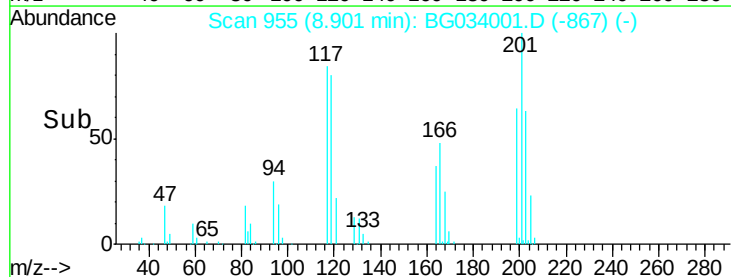
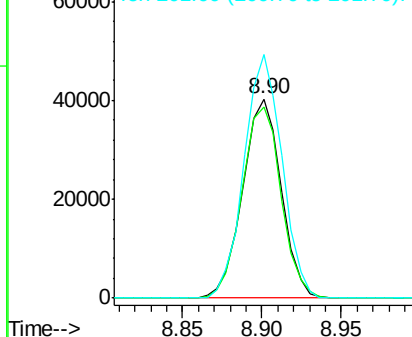


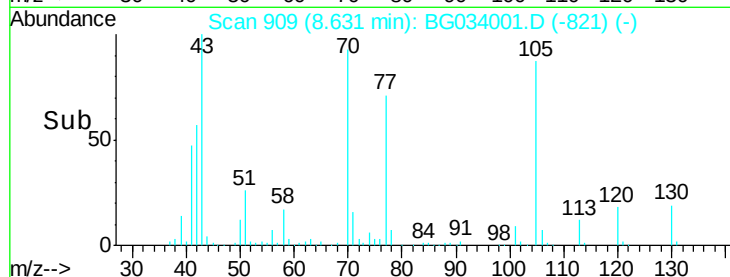
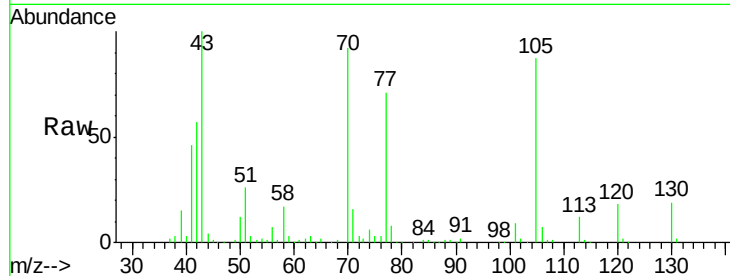
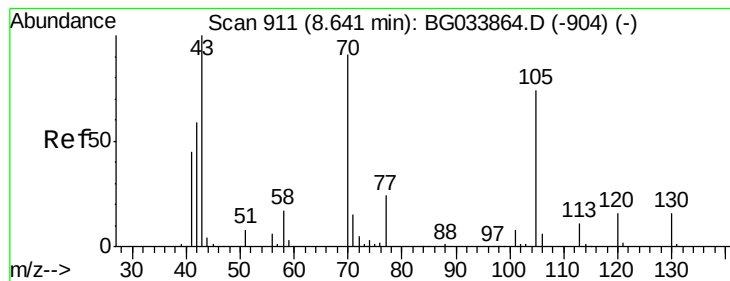
#18
Hexachloroethane
Concen: 35.733 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	117	Resp	67934
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.7	115.1
201	122.5	95.7	143.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.467 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.5	49.1	73.7	
101	10.1	8.5	12.7	
130	20.6	13.4	20.0	

Instrument :

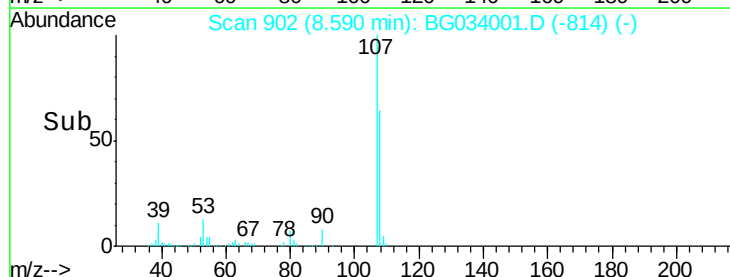
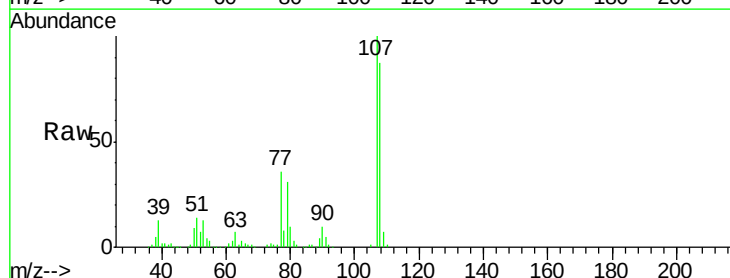
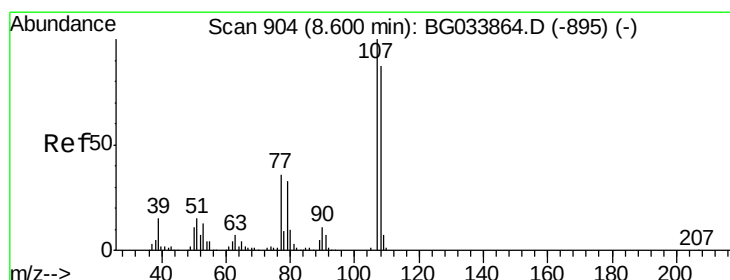
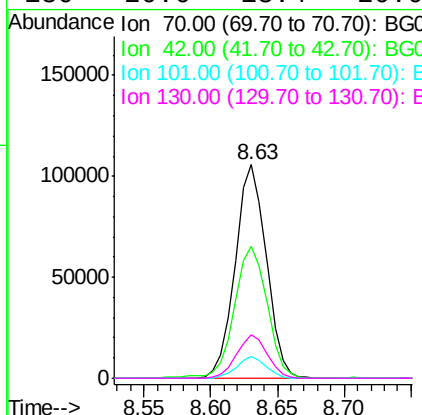
BNA_G

ClientSampleId :

PB108579BS

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#20

3+4-Methylphenols

Concen: 40.234 ng

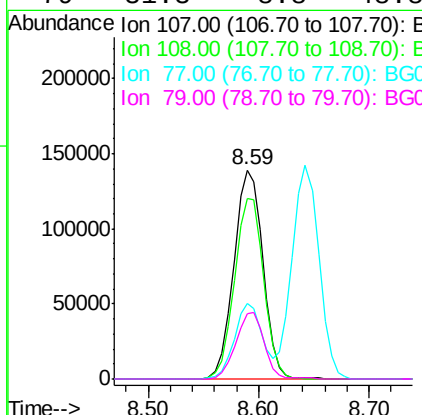
RT: 8.59 min Scan# 902

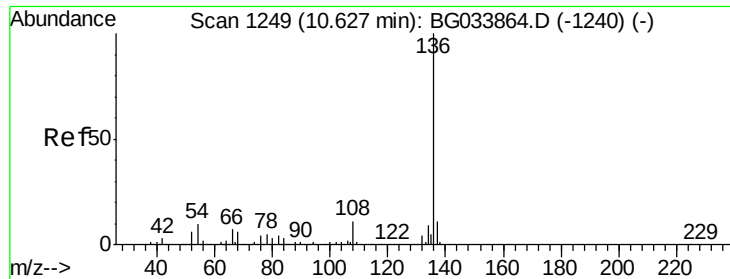
Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	61.6	101.6	
77	36.0	13.9	53.9	
79	31.3	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

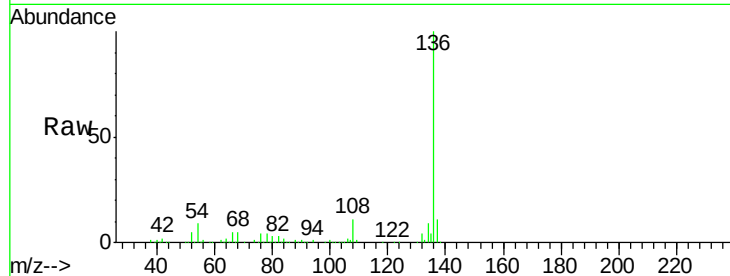
ClientSampled :

PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.2	13.8	
54	8.7	10.3	15.5	
68	4.9	4.5	6.7	

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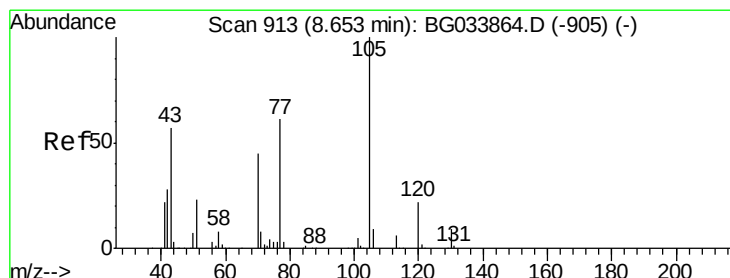
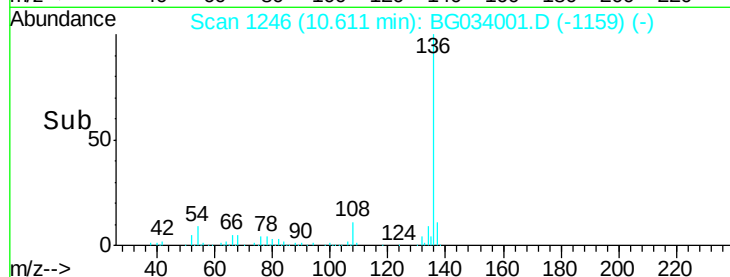
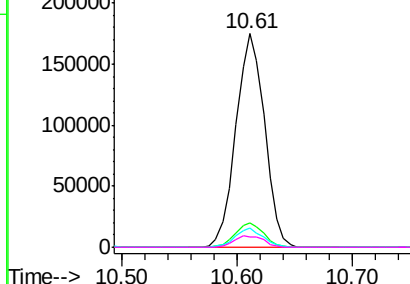


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.115 ng

RT: 8.64 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

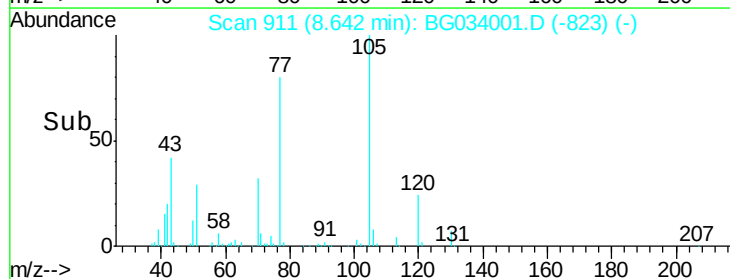
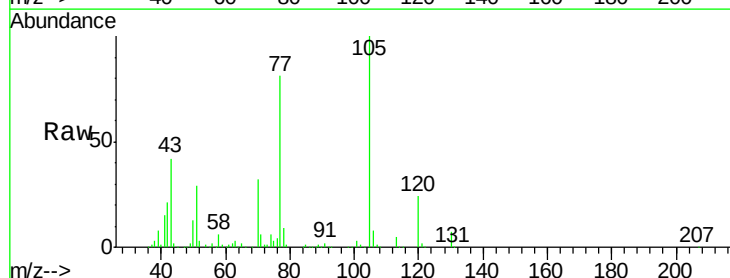
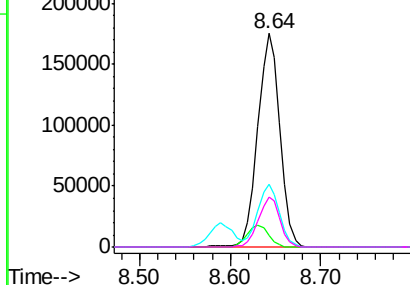
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.6	3.0	4.4	
51	29.5	26.1	39.1	
120	23.5	17.4	26.2	

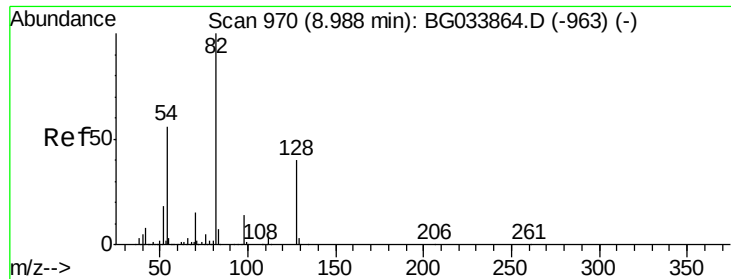
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





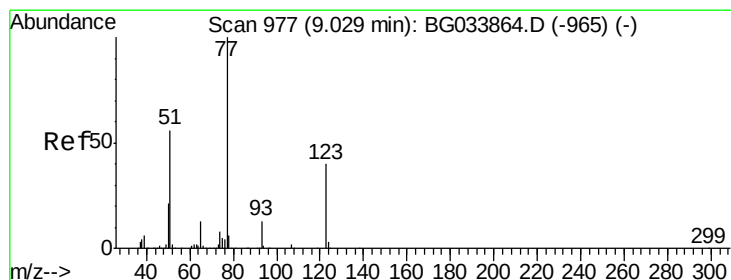
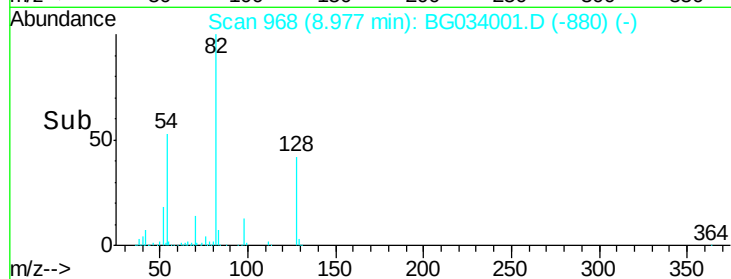
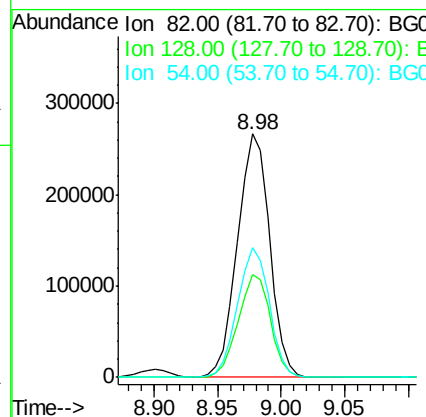
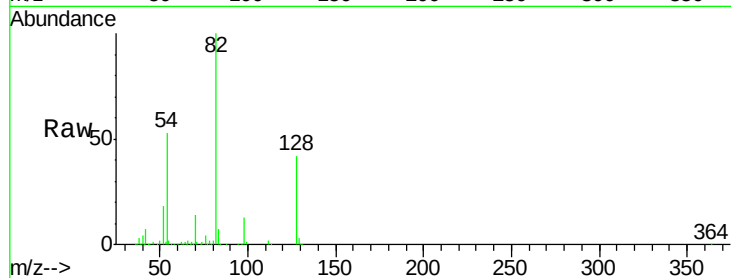
#23
 Nitrobenzene-d5
 Concen: 88.577 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.4	29.7	44.5	
54	53.1	43.1	64.7	

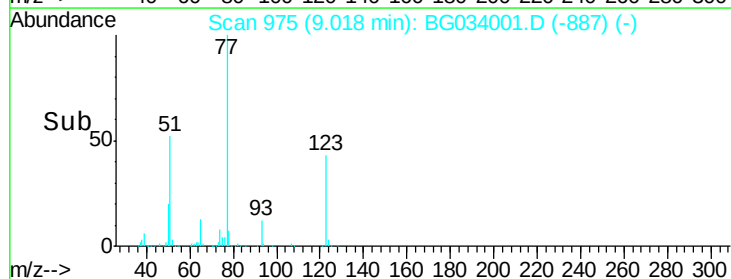
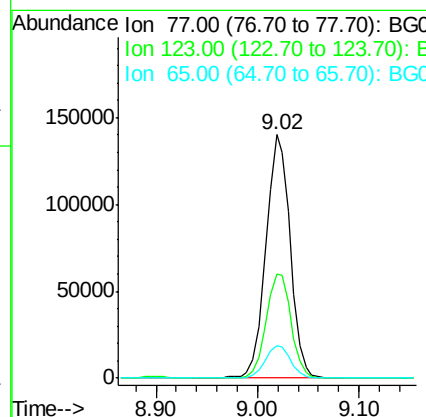
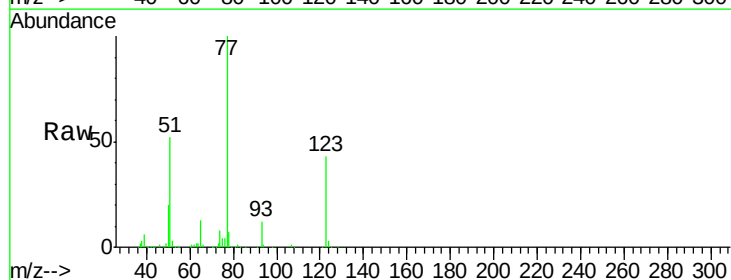
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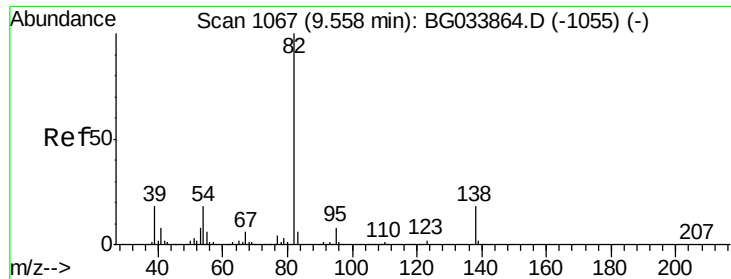
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#24
 Nitrobenzene
 Concen: 40.606 ng
 RT: 9.02 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.6	33.0	49.6	
65	13.3	13.0	19.6	





#25

Isophorone

Concen: 38.194 ng

RT: 9.54 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

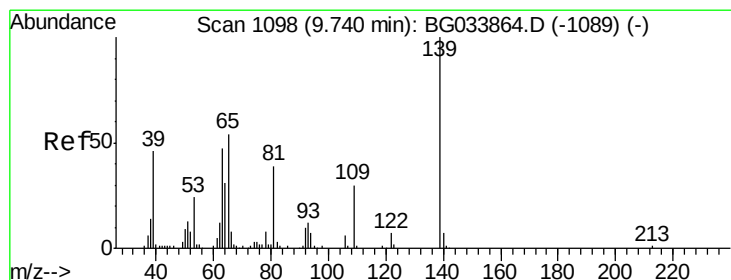
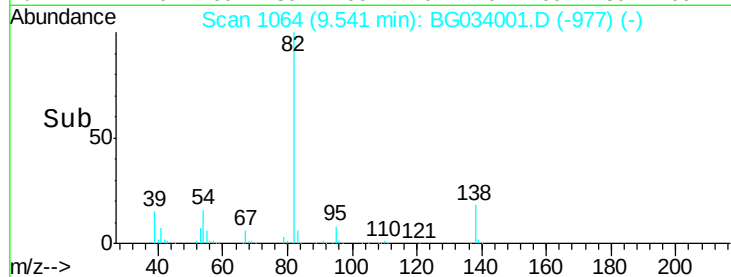
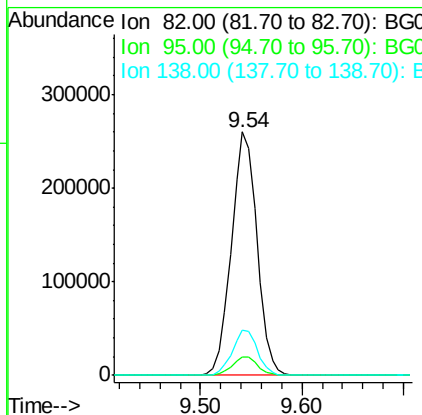
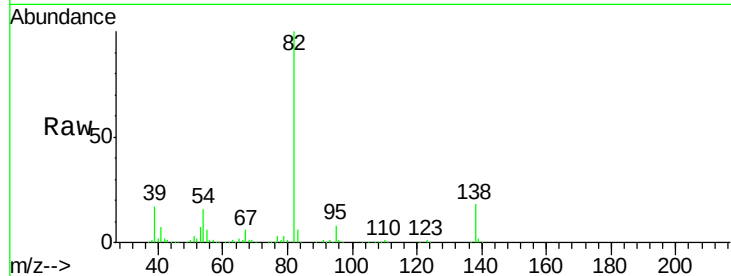
ClientSampleId :

PB108579BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.2	9.2
138	18.5	12.1	18.1

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#26

2-Nitrophenol

Concen: 50.427 ng

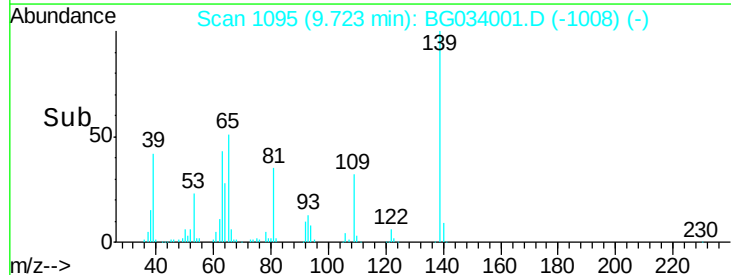
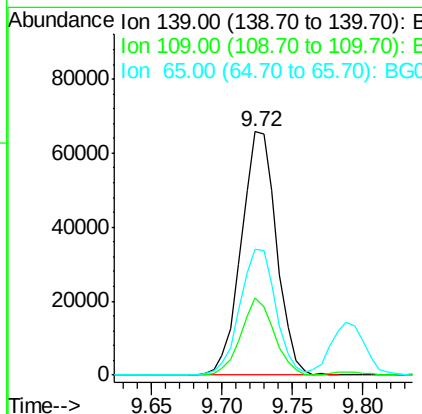
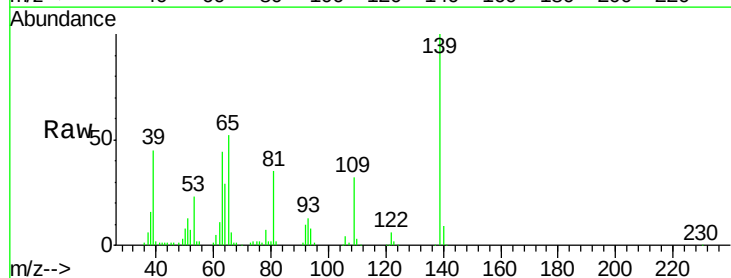
RT: 9.72 min Scan# 1095

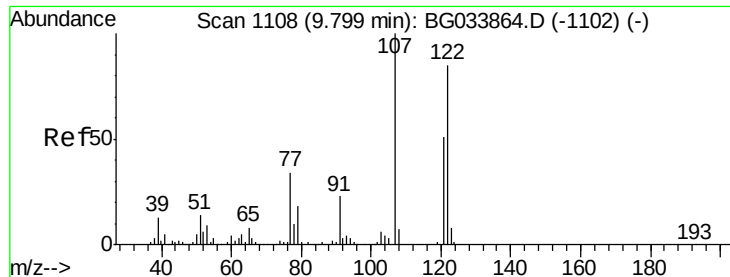
Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.5	24.2	36.2
65	52.0	47.4	71.0





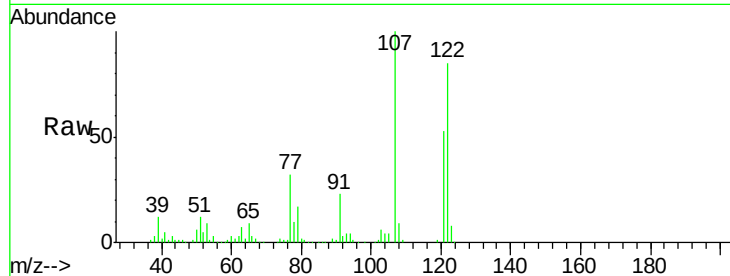
#27
2,4-Dimethylphenol
Concen: 49.553 ng
RT: 9.79 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.3	100.2	150.2
121	62.0	44.4	66.6

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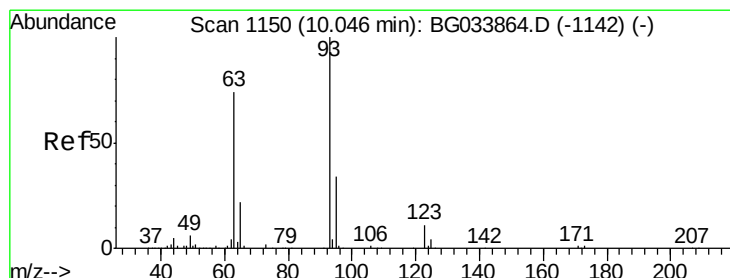
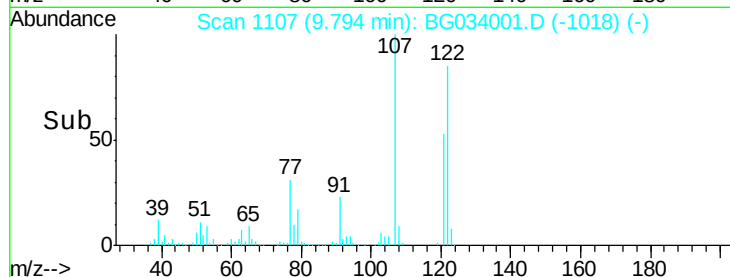
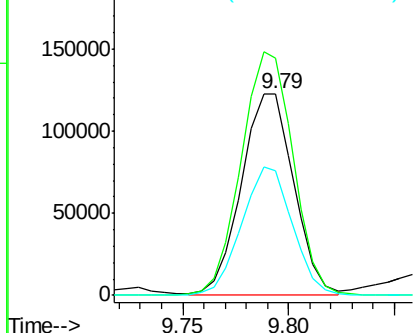


Abundance

Ion 122.00 (121.70 to 122.70): E

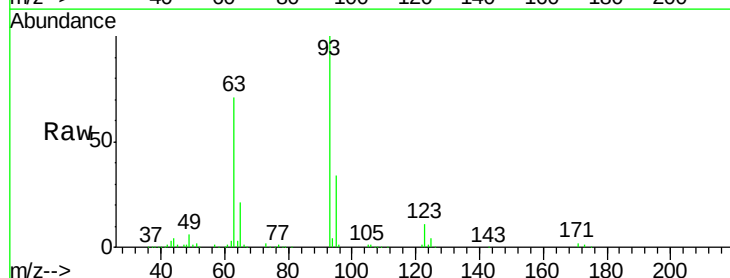
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.470 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.3	36.5
123	10.9	8.4	12.6

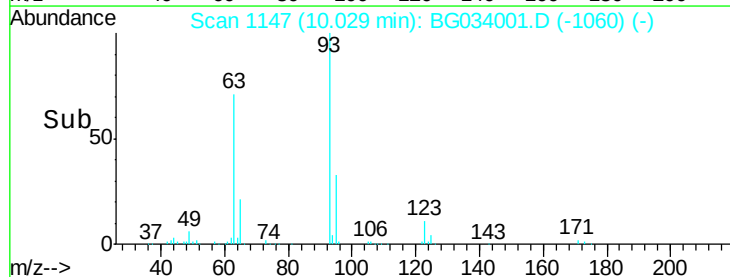
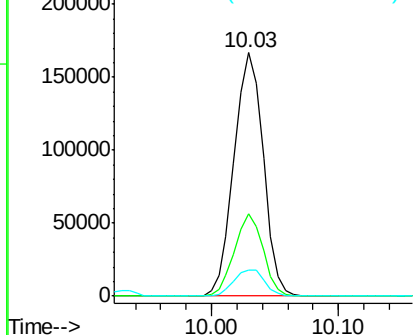


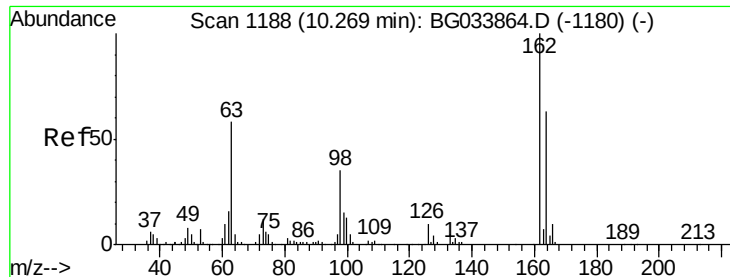
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





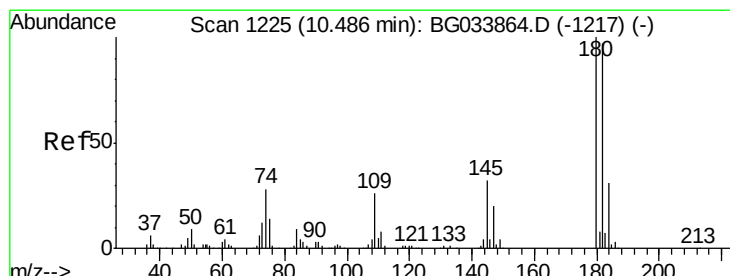
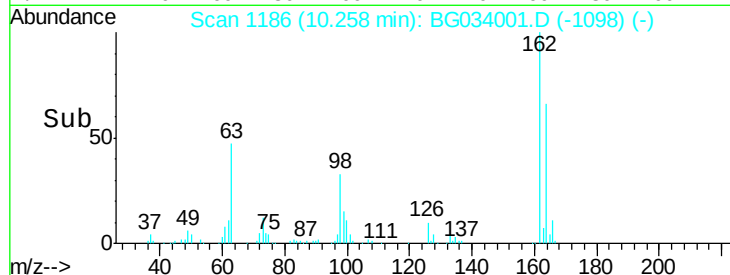
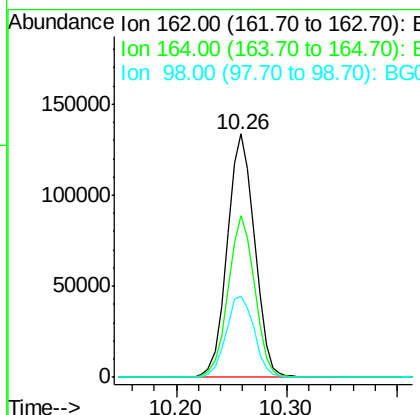
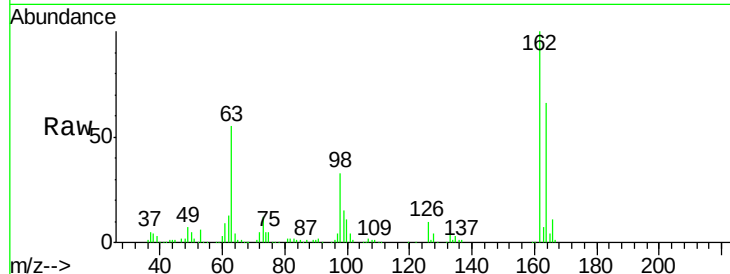
#29
2,4-Dichlorophenol
Concen: 48.846 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	232178		
164	66.2	48.0	88.0	
98	33.4	21.1	61.1	

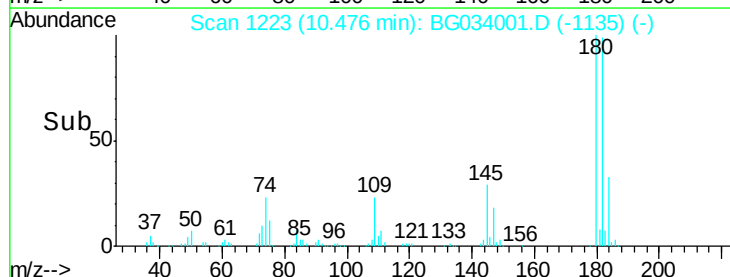
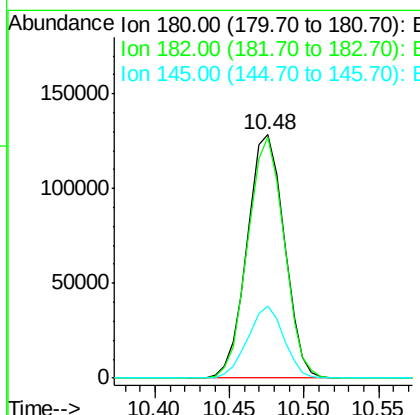
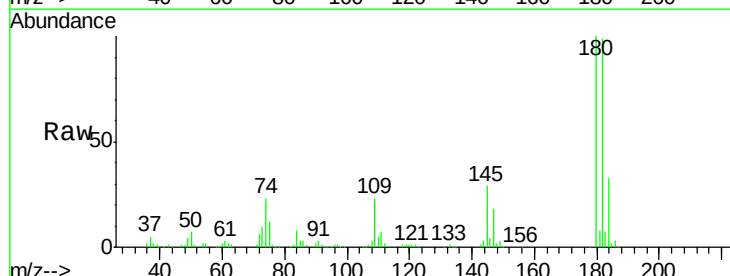
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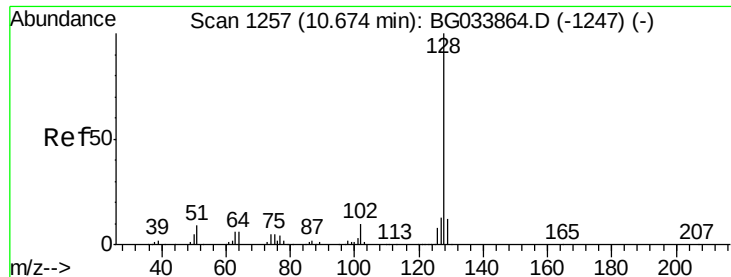
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#30
1,2,4-Trichlorobenzene
Concen: 41.619 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	221572		
182	98.9	77.5	116.3	
145	29.5	23.4	35.2	





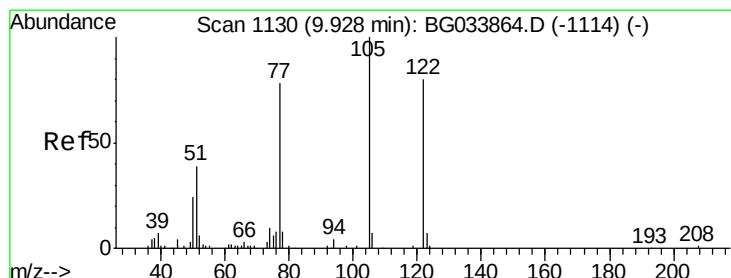
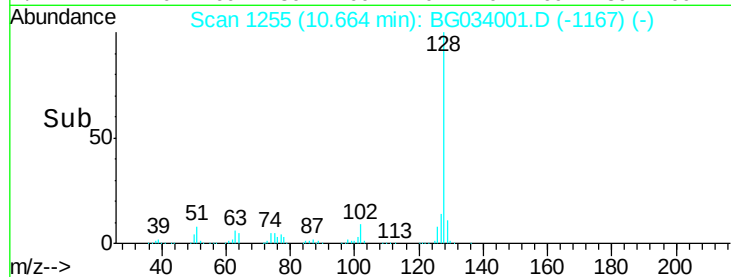
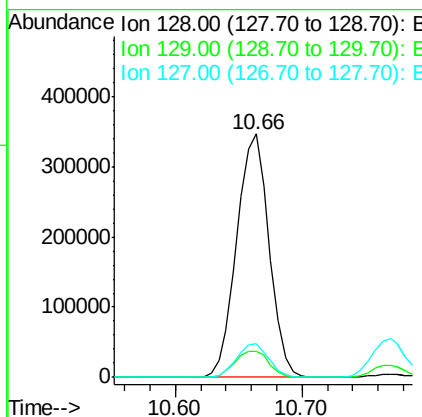
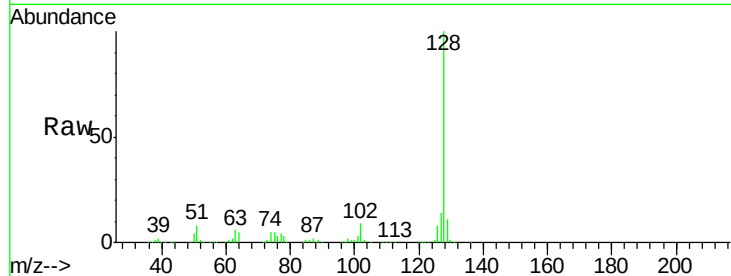
#31
Naphthalene
Concen: 39.532 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.7	11.6	17.4

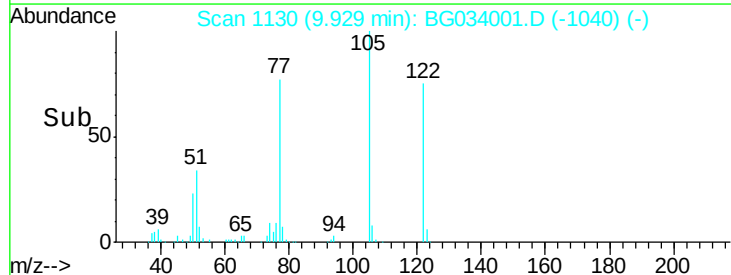
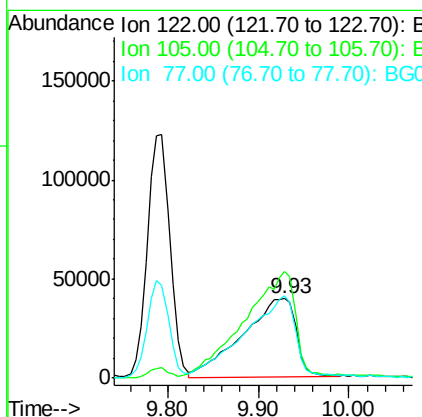
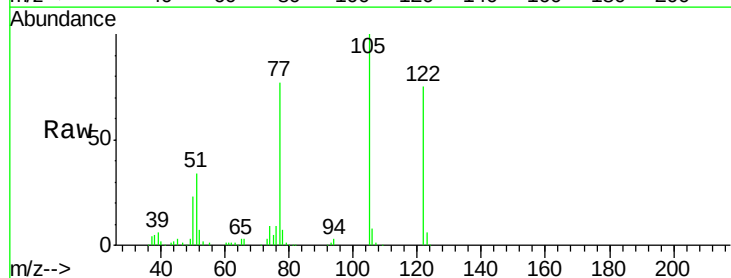
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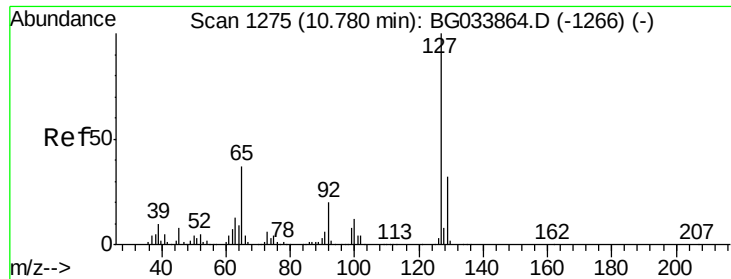
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#32
Benzoic acid
Concen: 39.034 ng
RT: 9.93 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.1	123.5	163.5
77	102.7	85.7	125.7





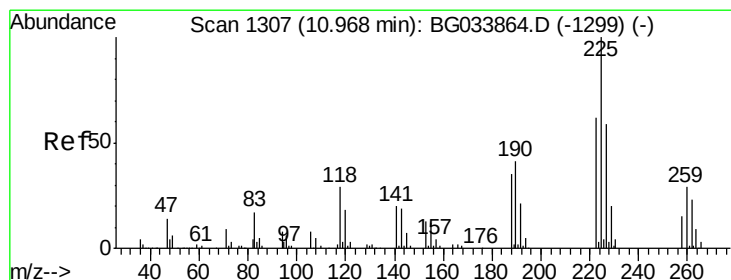
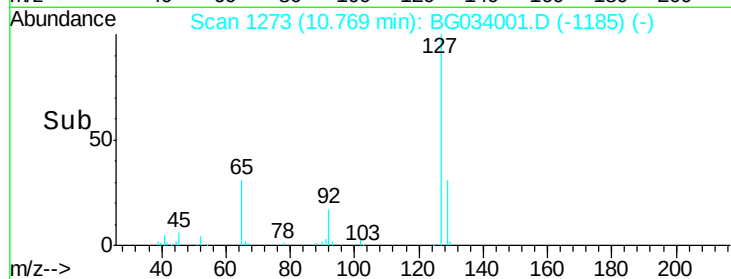
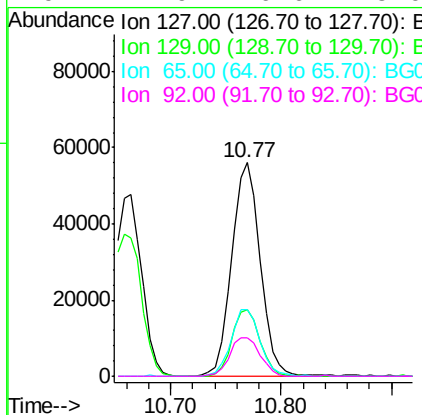
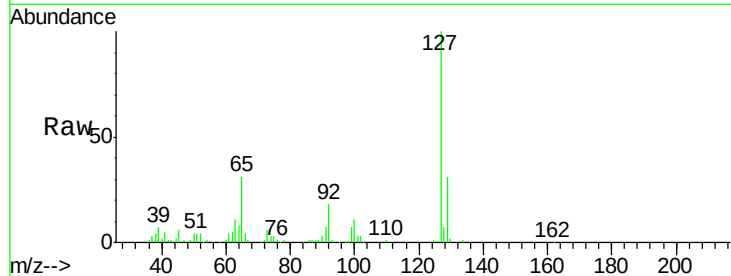
#33
4-Chloroaniline
Concen: 14.016 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2		24.0	36.0	
65	31.4		27.0	40.4	
92	17.9		16.6	25.0	

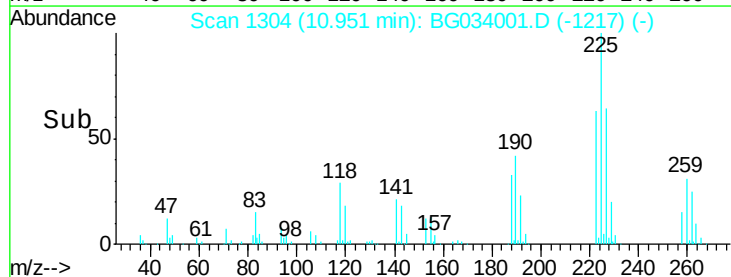
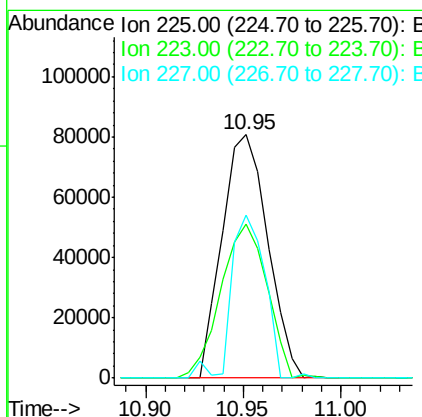
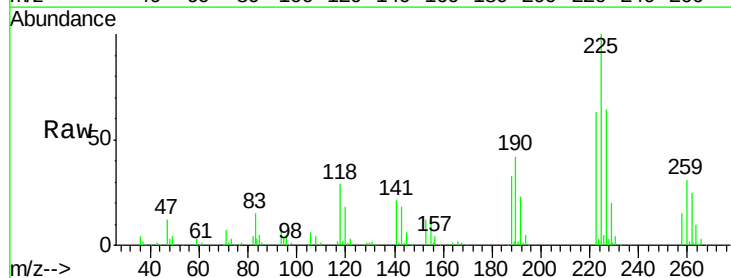
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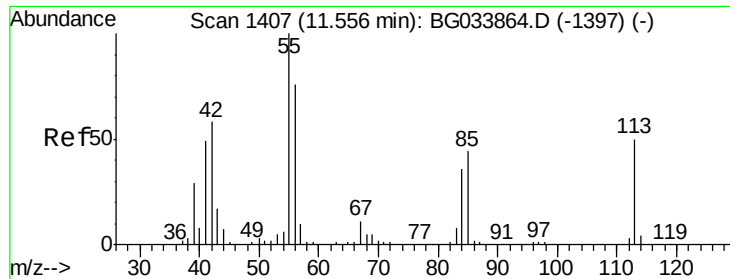
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#34
Hexachlorobutadiene
Concen: 41.127 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4		49.7	74.5	
227	63.9		48.1	72.1	





#35

Caprolactam

Concen: 41.239 ng/mL

RT: 11.54 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampled :

PB108579BS

Tot Ion:113 Resp: 83340

Ion Ratio Lower Upper

113 100

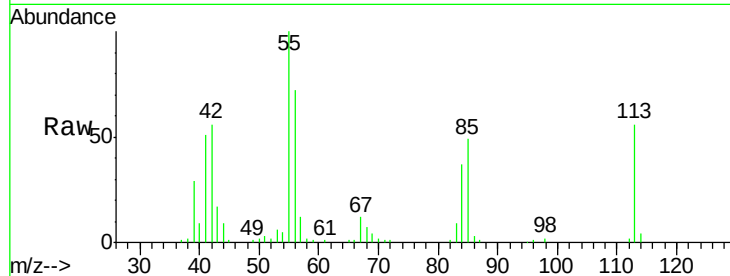
55 179.1 186.9 226.9#

56 129.6 130.9 170.9#

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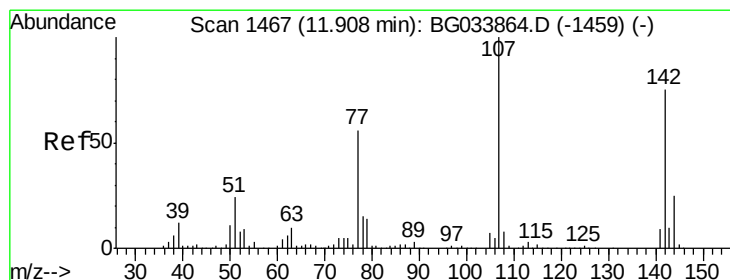
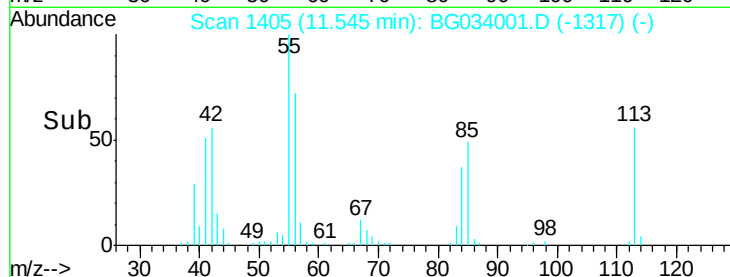
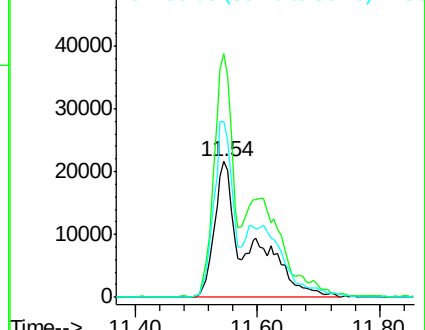
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG033864.D (-1397) (-)

Ion 56.00 (55.70 to 56.70): BG033864.D (-1397) (-)



#36

4-Chloro-3-methylphenol

Concen: 42.581 ng/mL

RT: 11.90 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

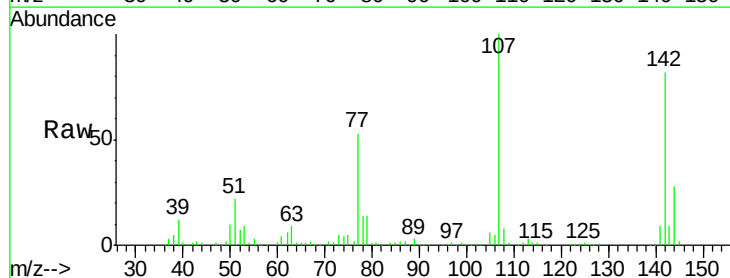
Tgt Ion:107 Resp: 247030

Ion Ratio Lower Upper

107 100

144 27.7 18.2 27.4#

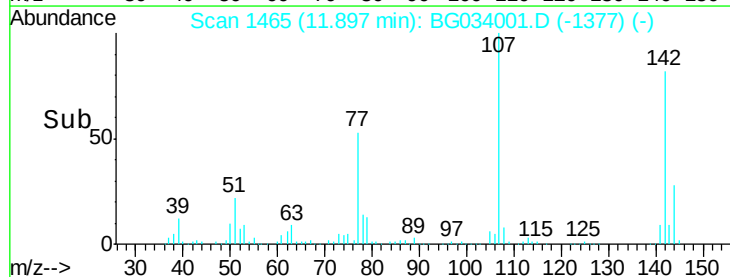
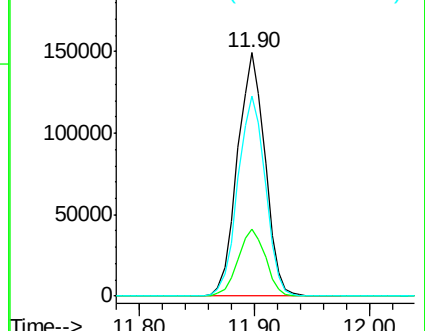
142 82.3 59.0 88.4

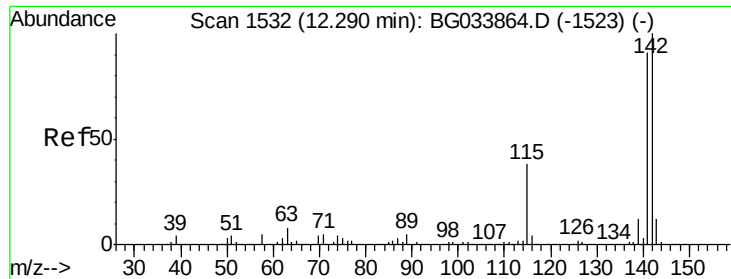


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





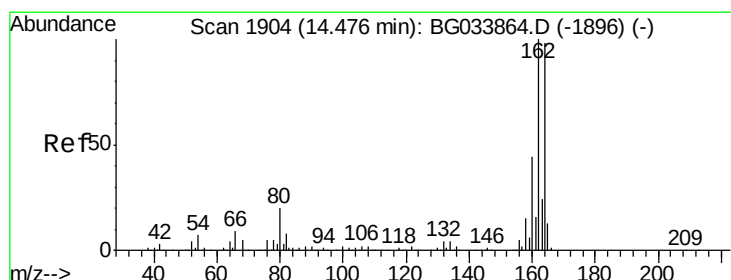
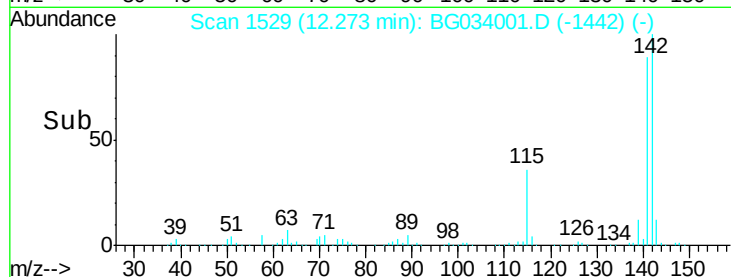
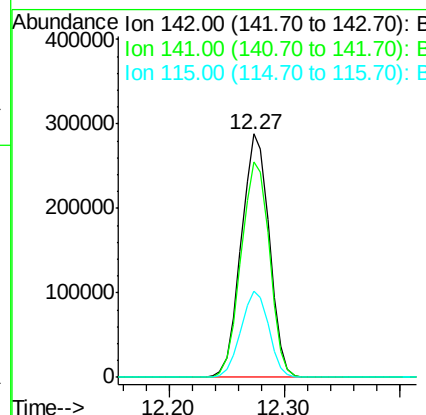
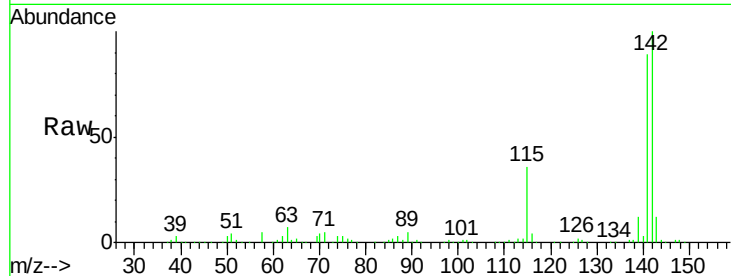
#37
2-Methylnaphthalene
Concen: 40.847 ng
RT: 12.27 min Scan# 1529
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.1	100.7
115	35.5	30.7	46.1

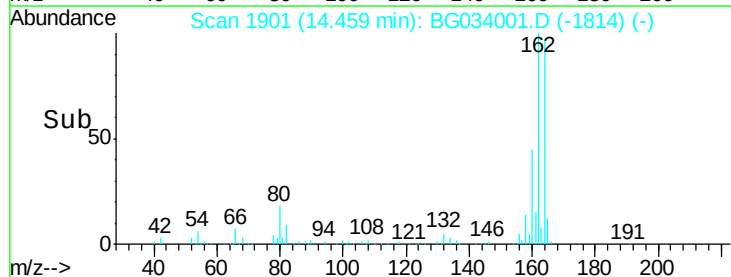
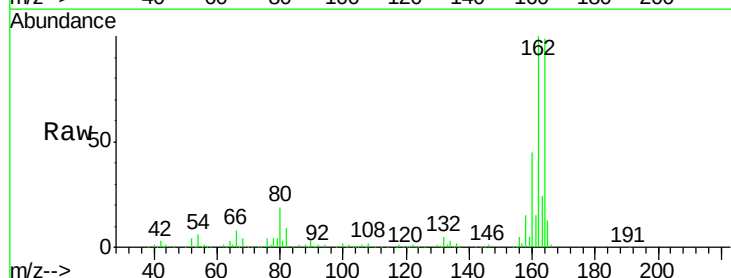
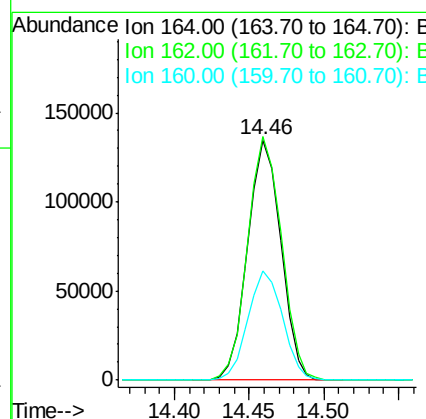
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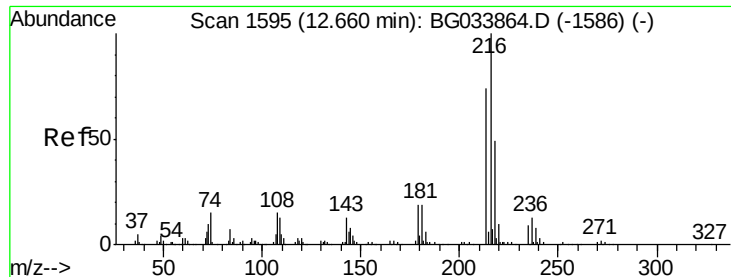
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	45.6	35.4	53.0





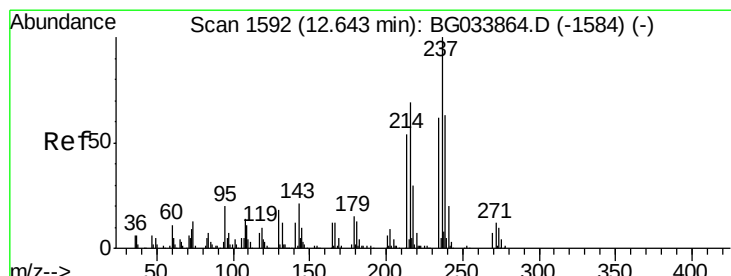
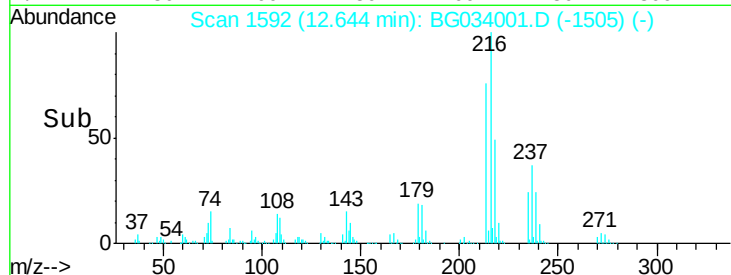
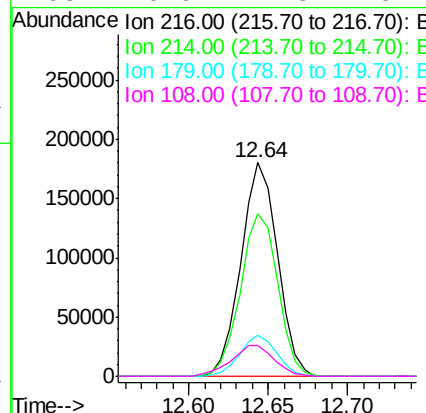
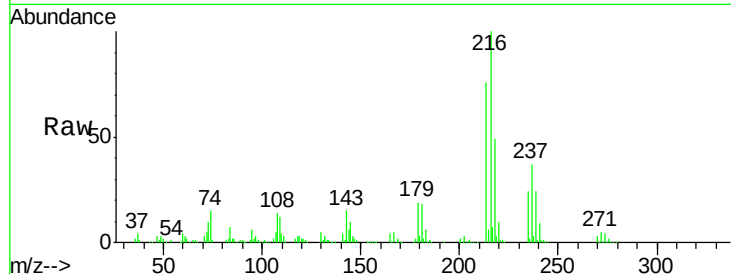
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.801 ng
 RT: 12.64 min Scan# 1592
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		287975		
214	77.9		63.0	94.4	
179	19.0		17.0	25.6	
108	16.9		12.8	19.2	

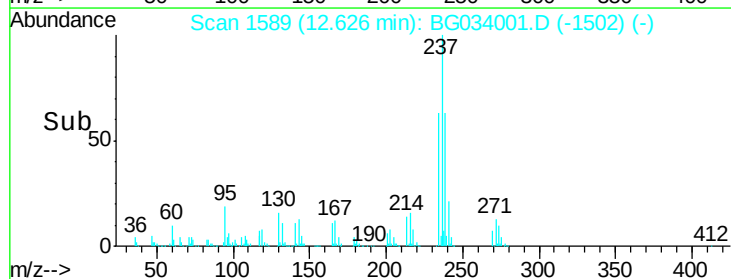
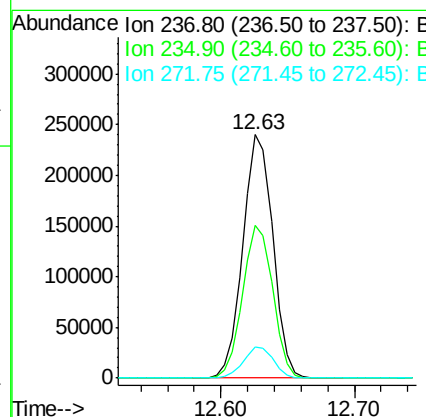
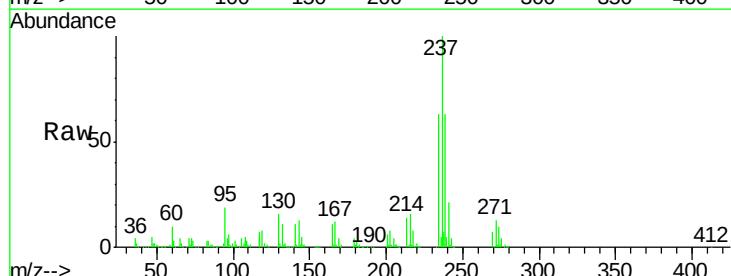
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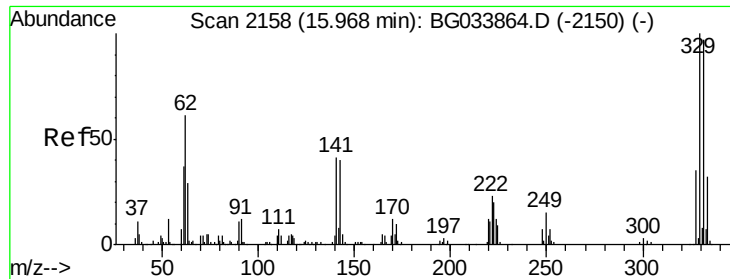
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#40
 Hexachlorocyclopentadiene
 Concen: 97.986 ng
 RT: 12.63 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		371167		
235	62.5		50.4	90.4	
272	12.6		0.0	31.8	





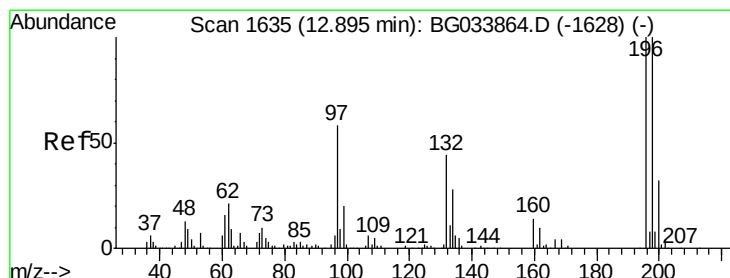
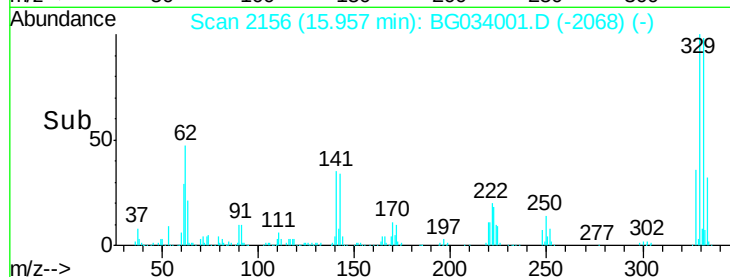
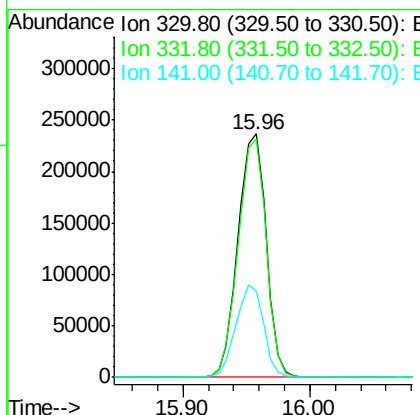
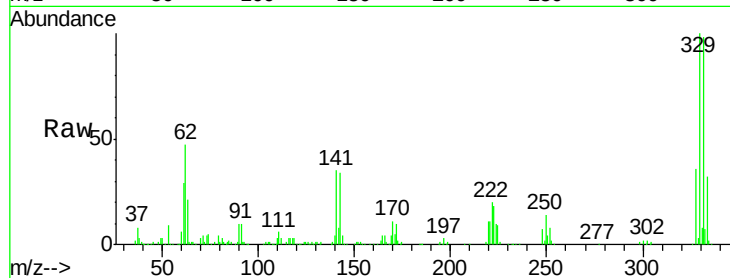
#41
 2,4,6-Tribromophenol
 Concen: 150.828 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	365070		
332	97.1	77.0	115.6	
141	37.0	25.2	37.8	

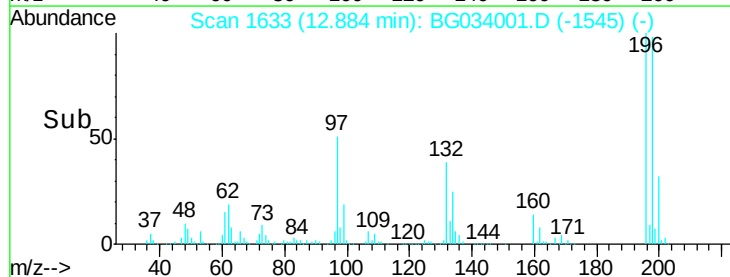
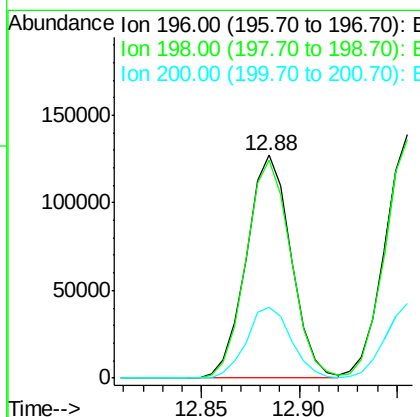
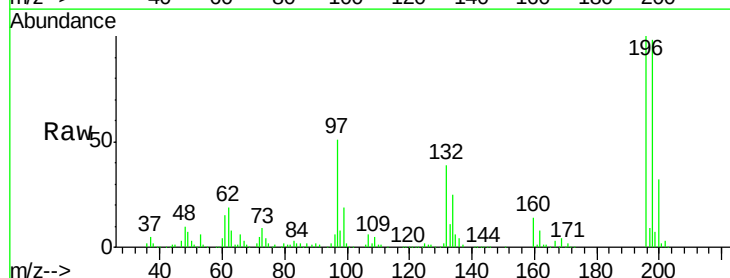
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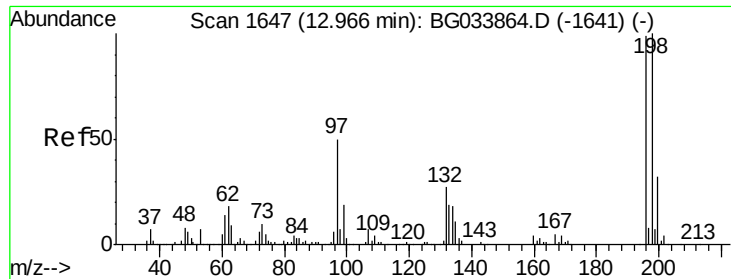
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 48.099 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202031		
198	105.2	78.2	117.2	
200	32.0	24.6	36.8	





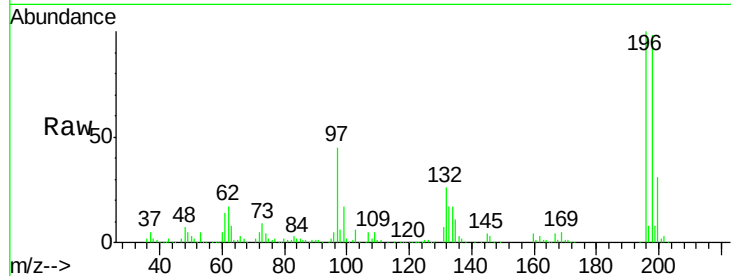
#43
 2,4,5-Trichlorophenol
 Concen: 46.688 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	225450		
198	98.1	76.2	114.4	
97	45.0	38.7	58.1	
132	26.3	20.2	30.2	

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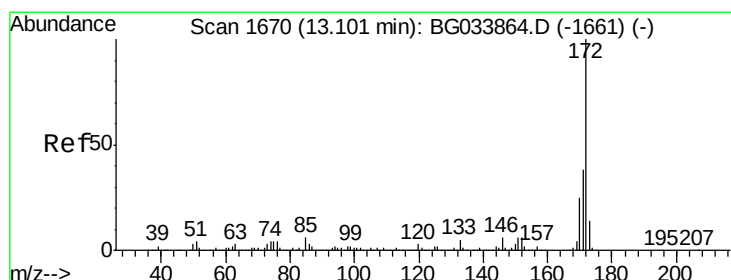
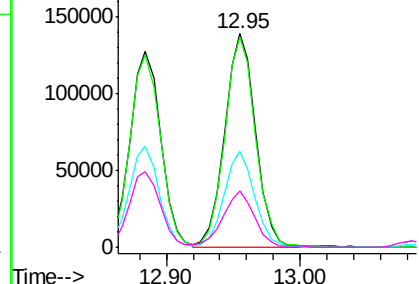
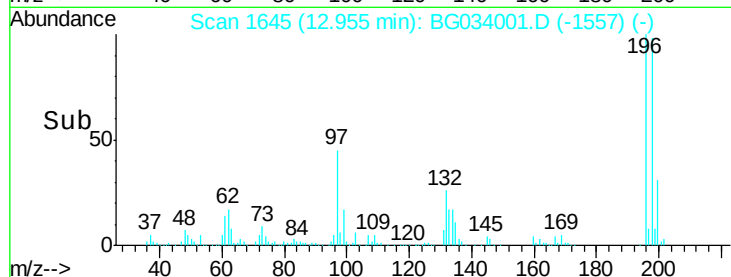
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

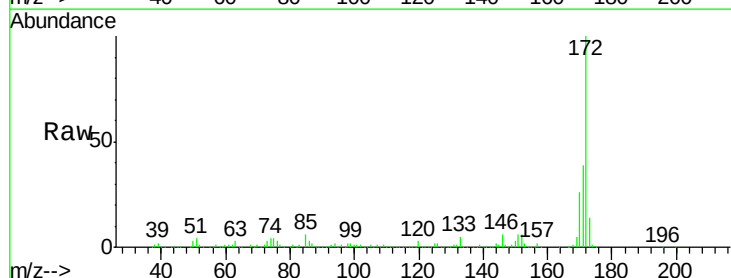
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.308 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1247150		
171	38.7	30.0	45.0	
170	25.9	19.5	29.3	

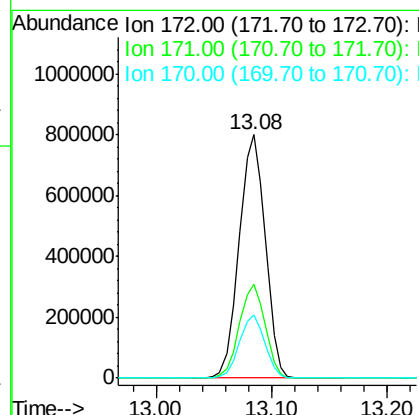
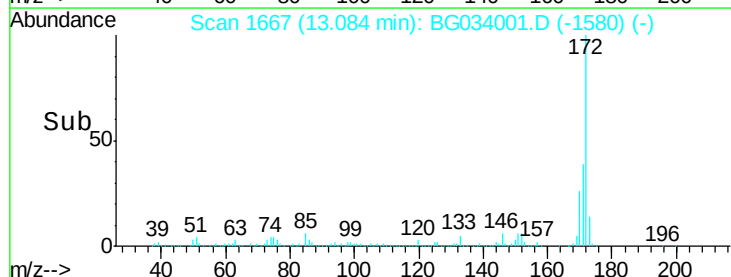


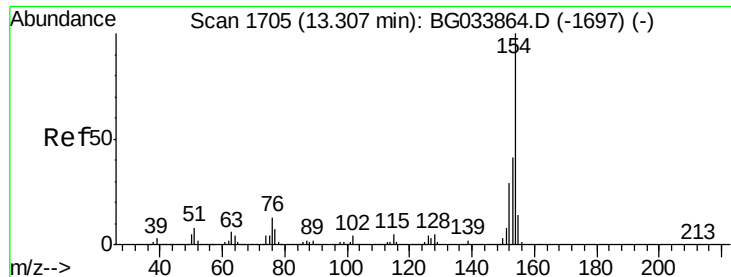
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.025 ng

RT: 13.30 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

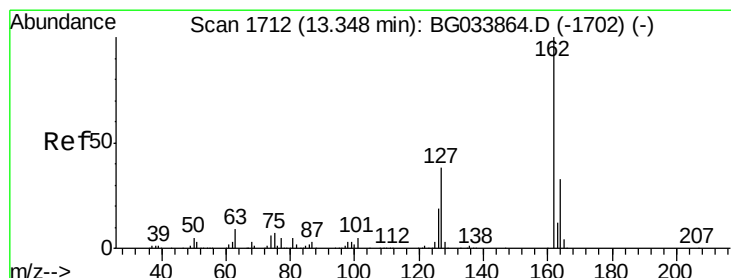
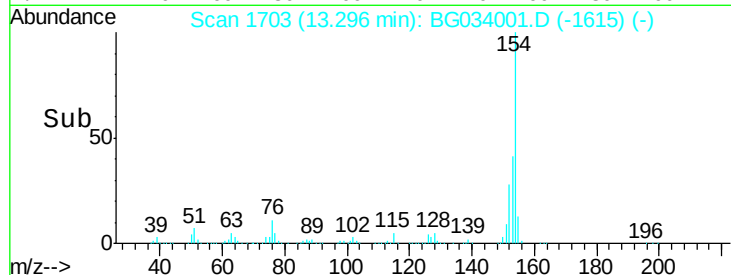
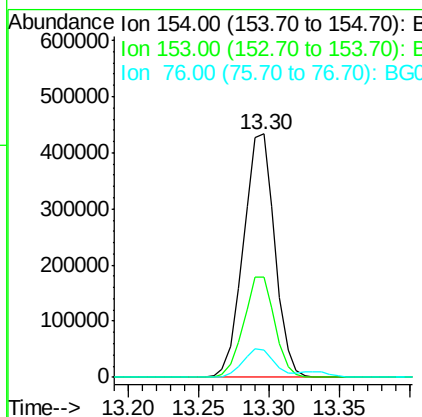
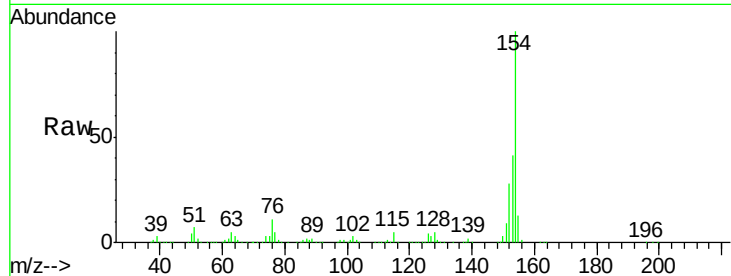
ClientSampleId :

PB108579BS

Tot Ion:	154	Resp:	672186
Ion Ratio	Lower	Upper	
154	100		
153	41.0	19.8	59.8
76	11.4	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 40.095 ng

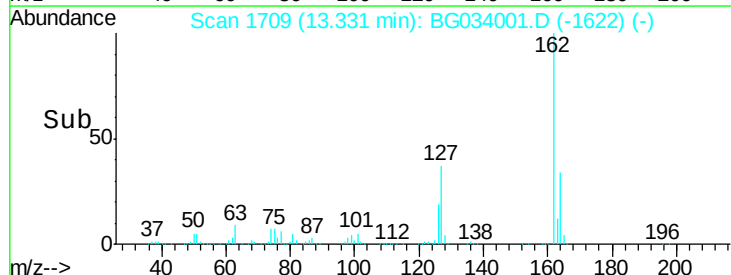
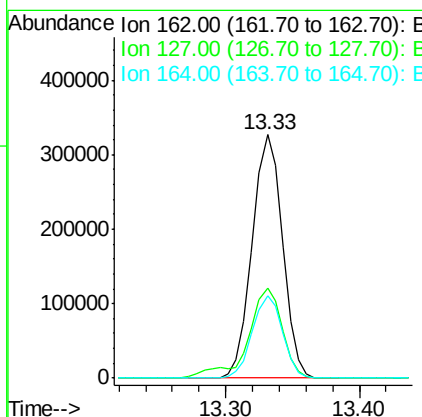
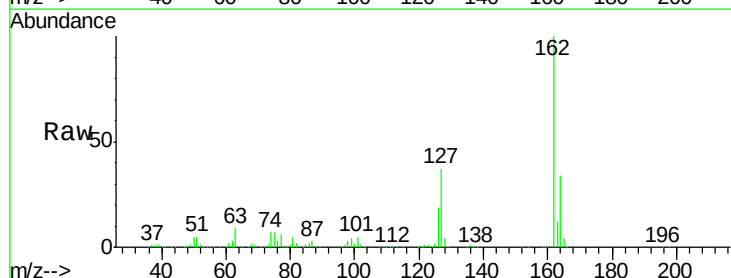
RT: 13.33 min Scan# 1709

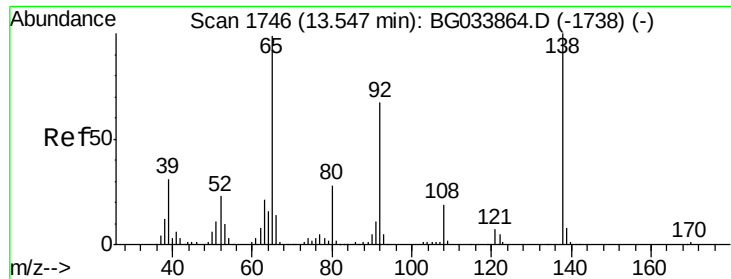
Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:	162	Resp:	510575
Ion Ratio	Lower	Upper	
162	100		
127	37.0	30.7	46.1
164	34.0	26.0	39.0





#47

2-Nitroaniline

Concen: 42.403 ng

RT: 13.54 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

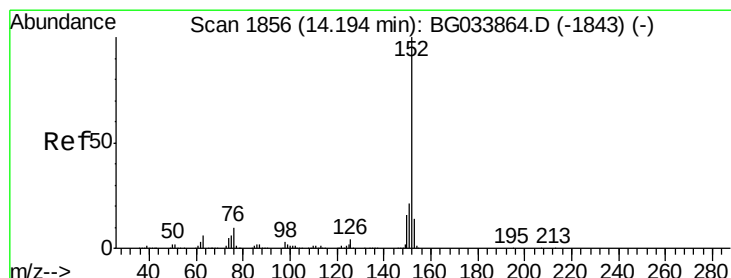
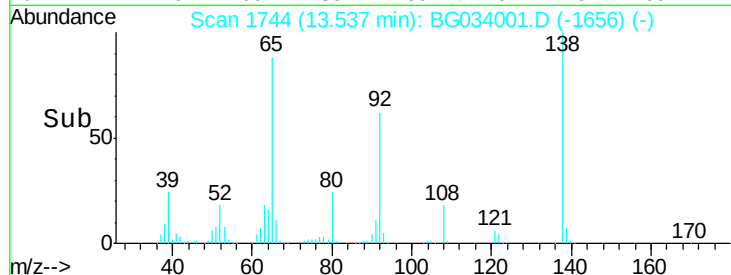
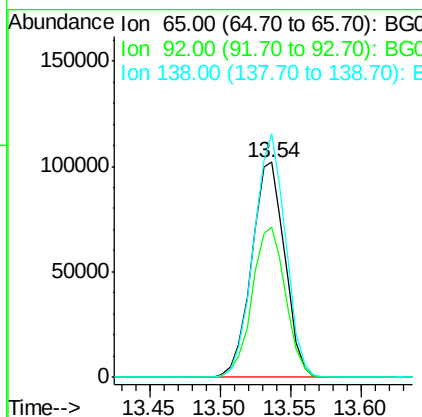
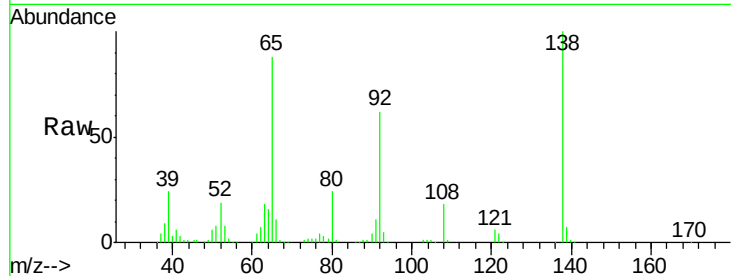
ClientSampleId :

PB108579BS

Tot Ion:	65	Resp:	168597
Ion Ratio	Lower	Upper	
65	100		
92	70.1	54.6	82.0
138	113.3	72.9	109.3

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#48

Acenaphthylene

Concen: 38.797 ng

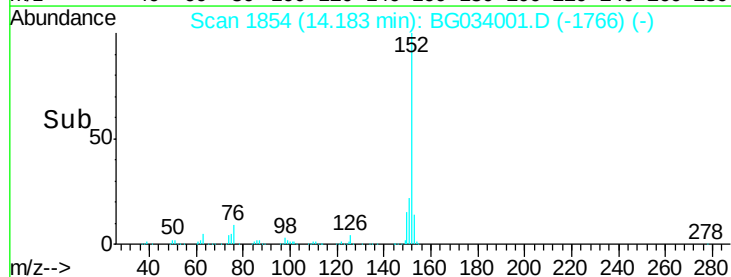
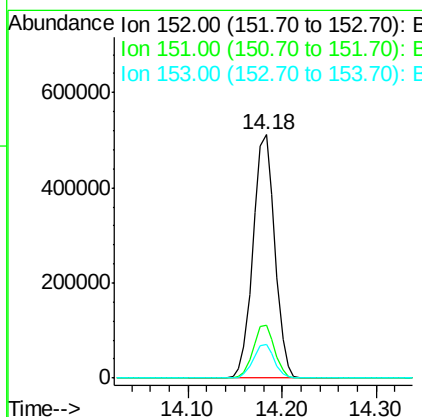
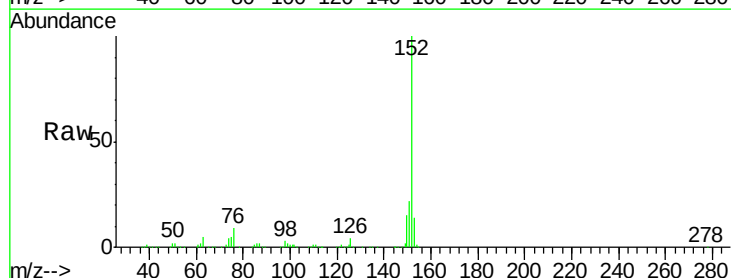
RT: 14.18 min Scan# 1854

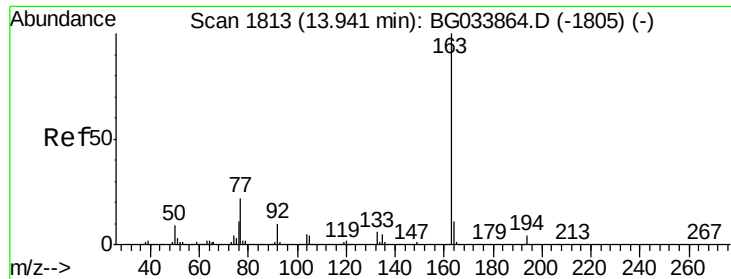
Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:	152	Resp:	821232
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.2	25.8
153	13.7	10.2	15.4





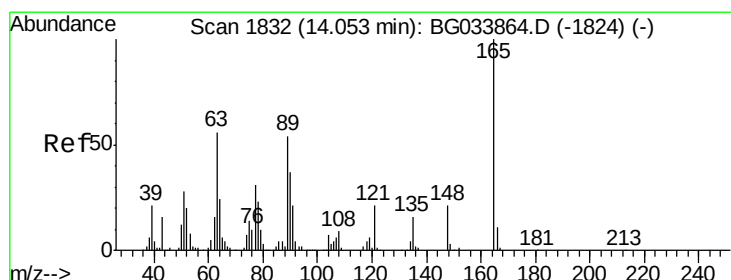
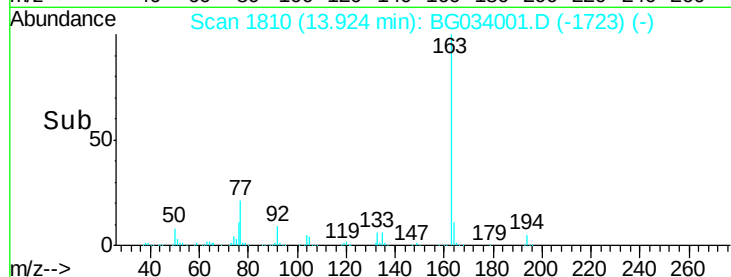
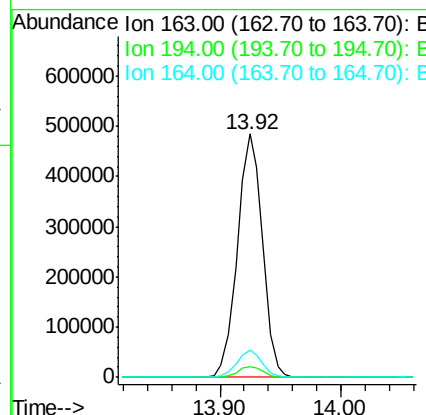
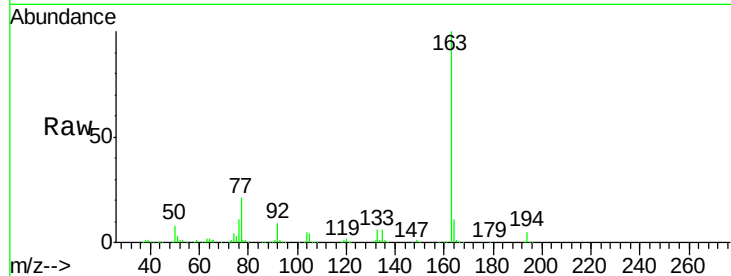
#49
Dimethylphthalate
Concen: 38.193 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	697007		
194	4.6		3.4	5.2
164	11.1		8.2	12.4

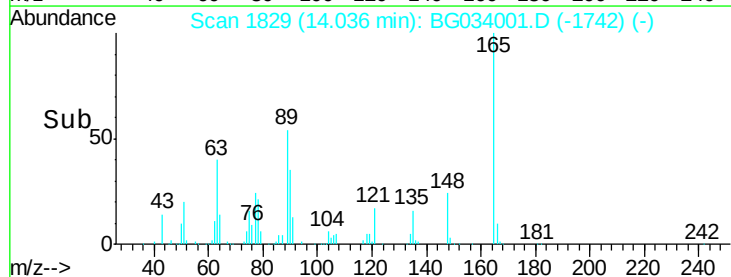
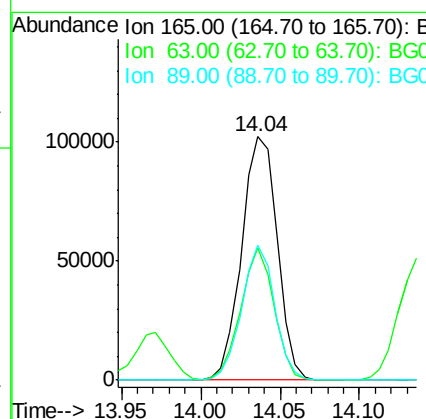
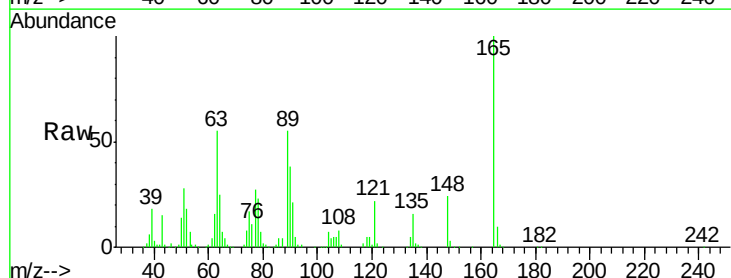
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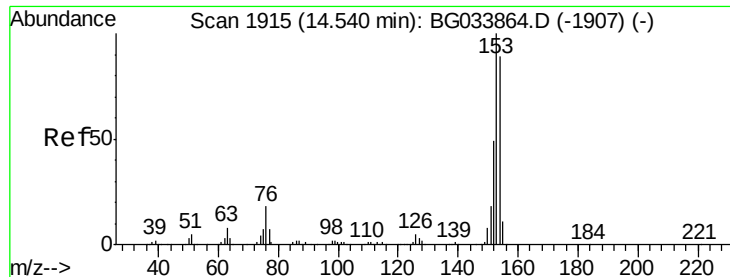
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#50
2,6-Dinitrotoluene
Concen: 46.171 ng
RT: 14.04 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159683		
63	54.5		52.7	79.1
89	55.3		49.2	73.8





#51

Acenaphthene

Concen: 37.977 ng

RT: 14.52 min Scan# 1912

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

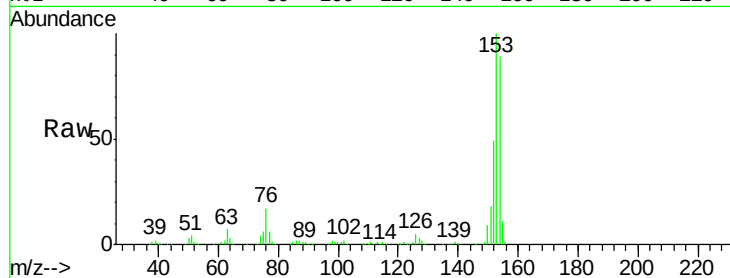
ClientSampleId :

PB108579BS

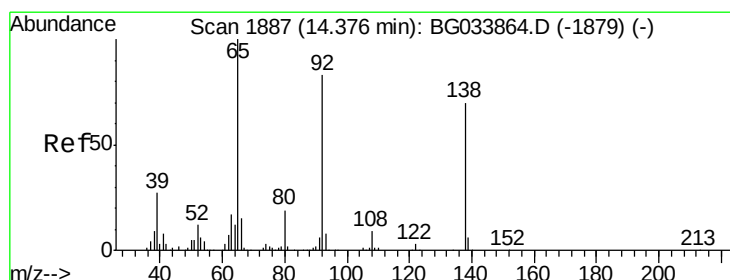
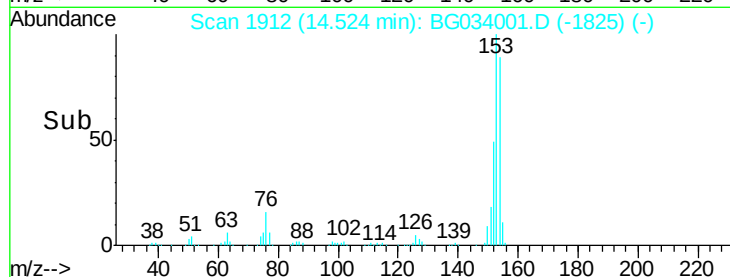
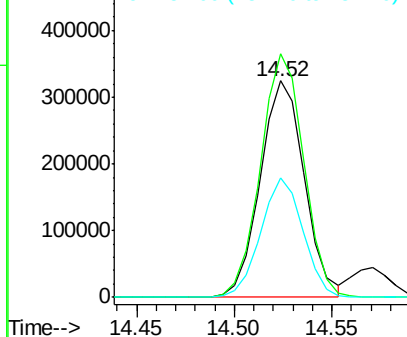
Tot Ion:	154	Resp:	504986
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.4	135.6
152	55.3	41.6	62.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.422 ng

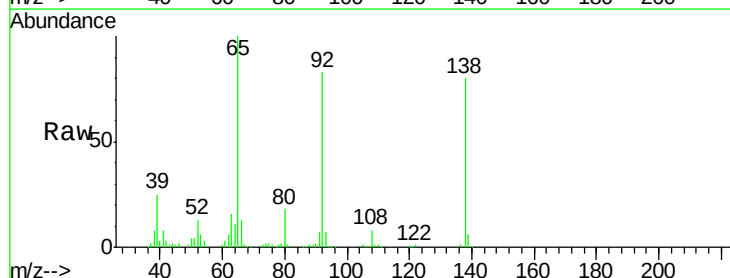
RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

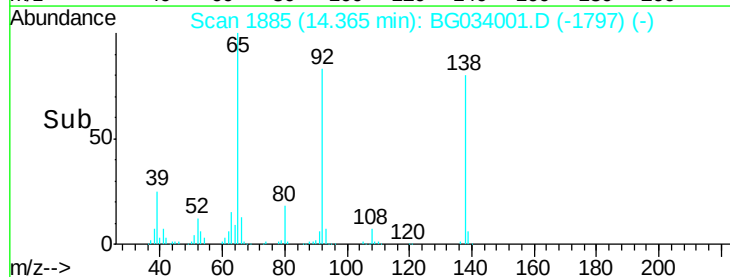
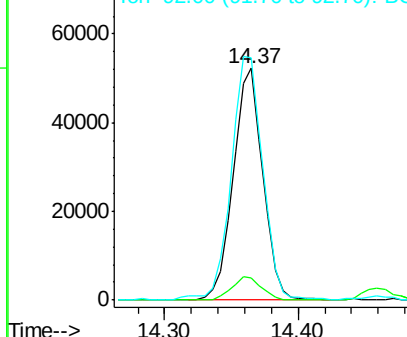
Lab File: BG034001.D

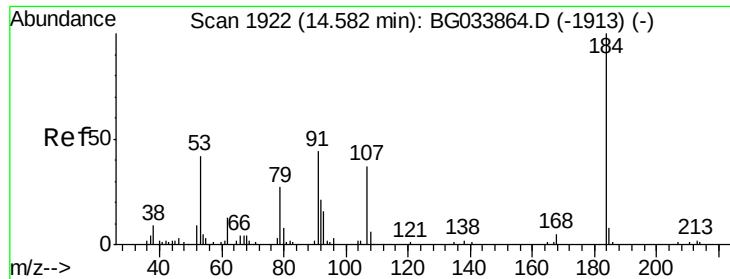
Acq: 26 Apr 2018 00:12

Tgt Ion:	138	Resp:	80451
Ion Ratio	Lower	Upper	
138	100		
108	9.5	17.5	26.3#
92	104.5	105.8	158.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





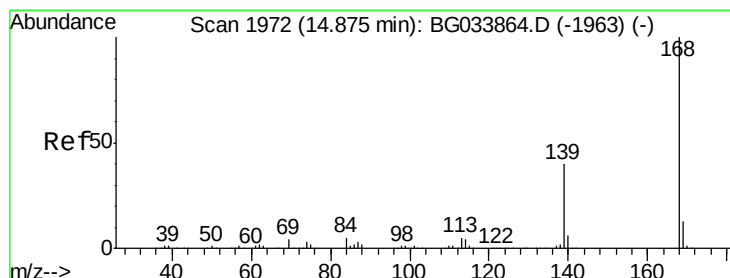
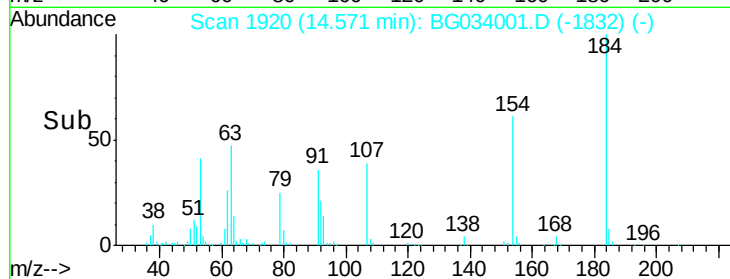
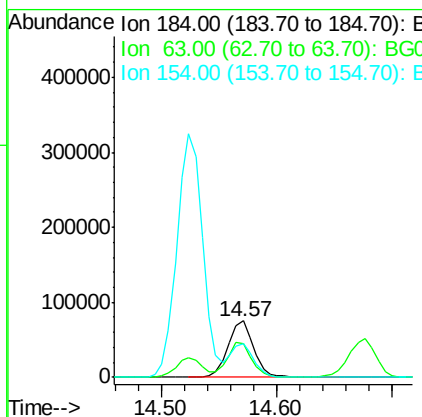
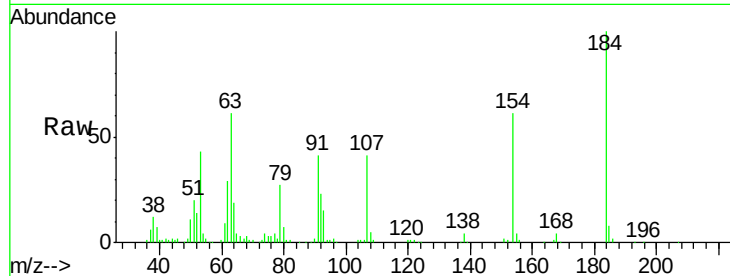
#53
 2,4-Dinitrophenol
 Concen: 93.904 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	116145		
63	60.8	59.8	89.8	
154	60.7	101.8	152.8	

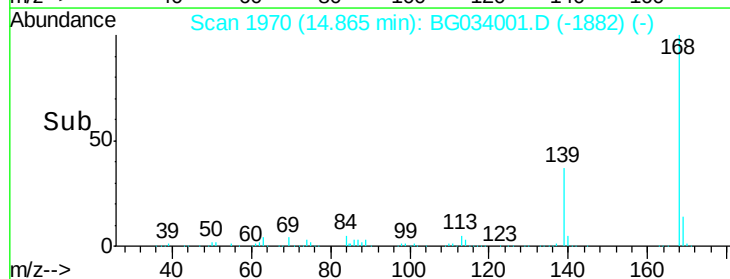
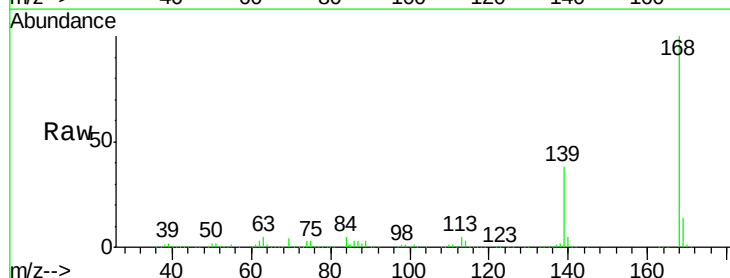
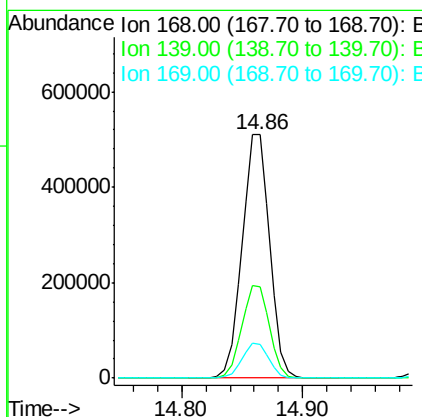
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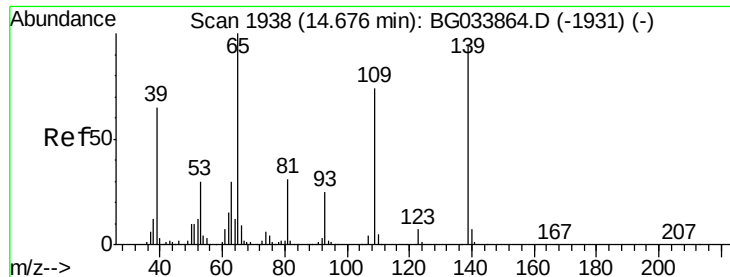
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#54
 Dibenzofuran
 Concen: 40.951 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	807310		
139	37.7	28.6	43.0	
169	14.0	11.2	16.8	





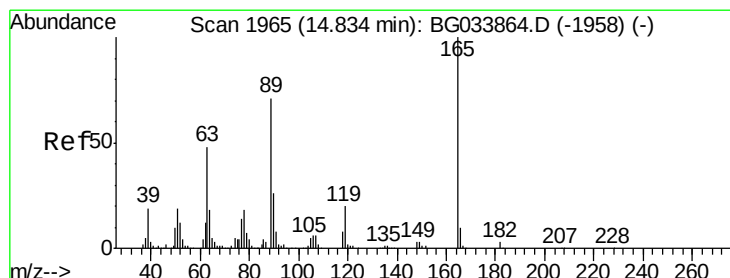
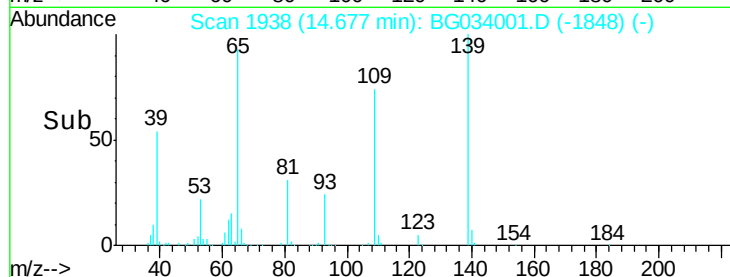
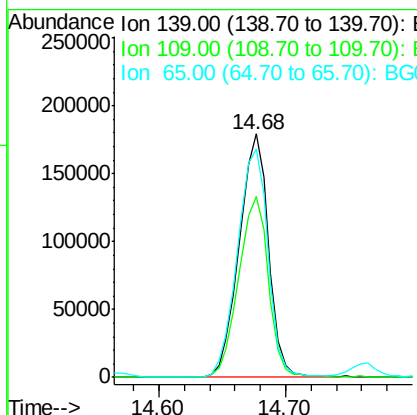
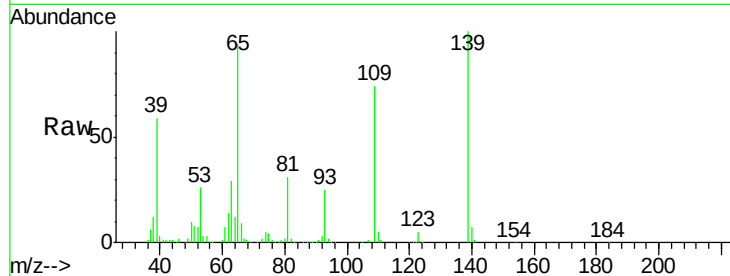
#55
4-Nitrophenol
Concen: 97.582 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	287410		
109	74.1	62.2	102.2	
65	93.8	97.2	137.2	

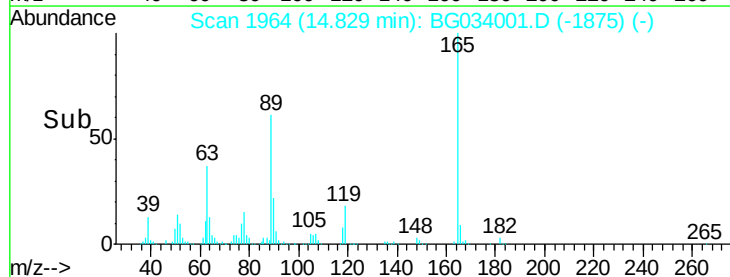
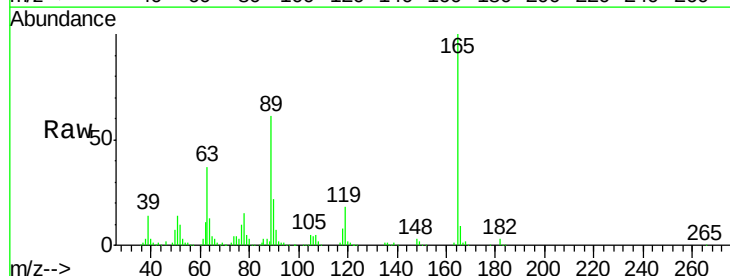
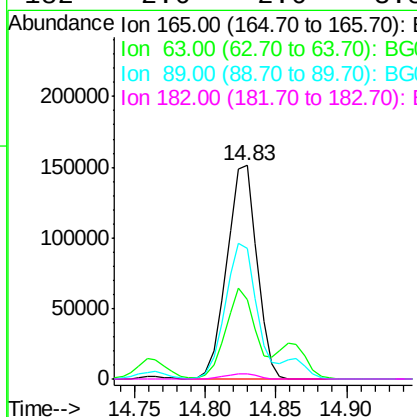
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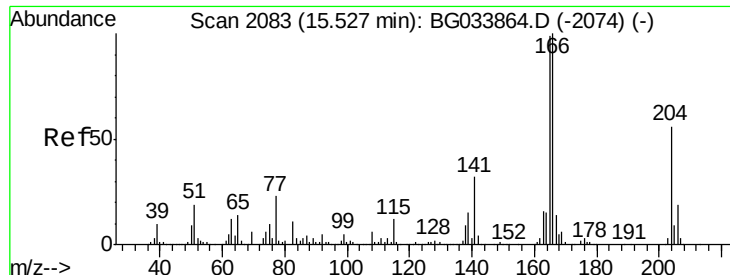
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#56
2,4-Dinitrotoluene
Concen: 48.809 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	224474		
63	37.1	42.0	63.0	#
89	61.0	66.9	100.3	#
182	2.6	2.6	3.8	





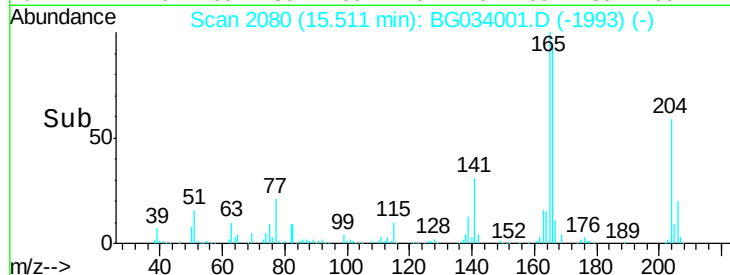
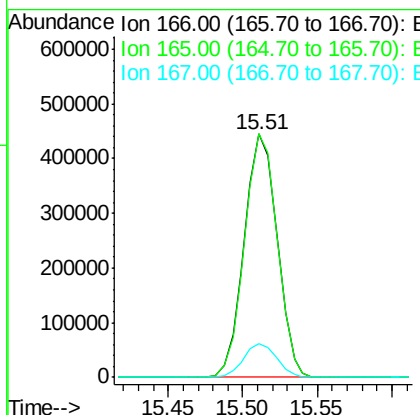
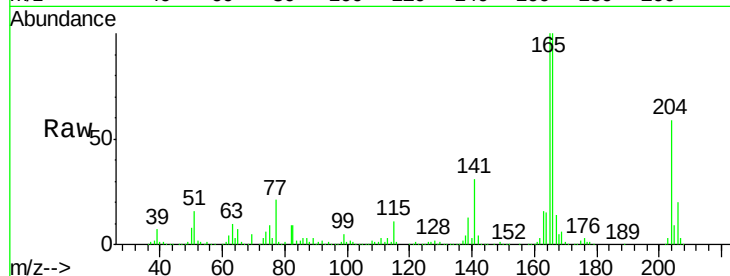
#57
 Fluorene
 Concen: 39.753 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleID :
 PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	678156		
165	100.1	80.6	121.0	
167	13.9	10.4	15.6	

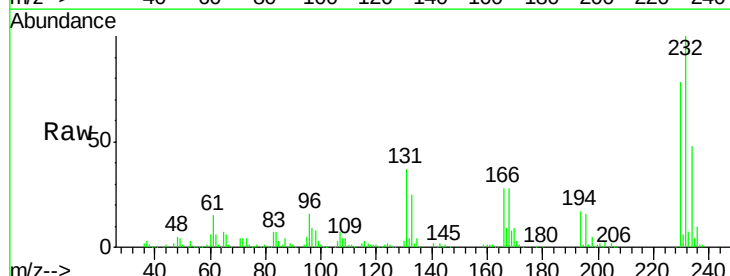
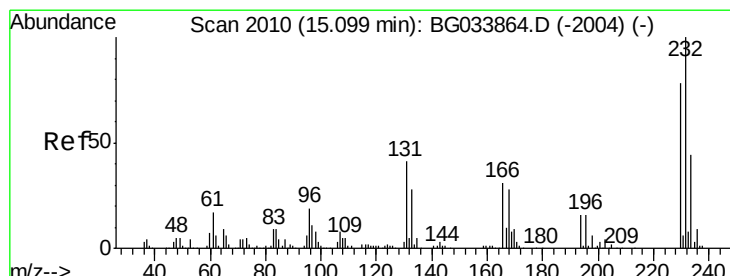
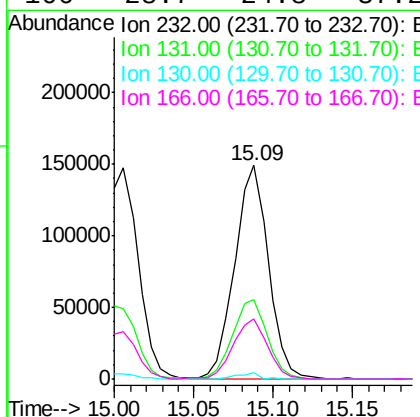
Manual Integrations
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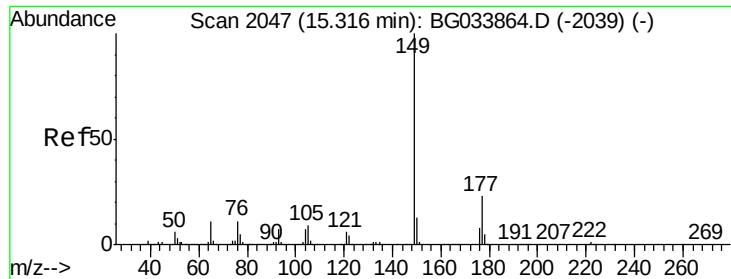
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.784 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	220114		
131	37.8	33.5	50.3	
130	2.0	2.2	3.2	
166	28.7	24.8	37.2	





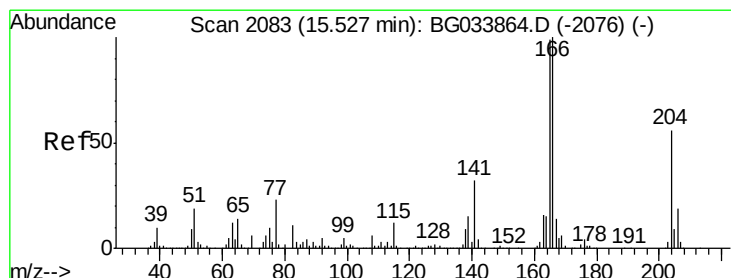
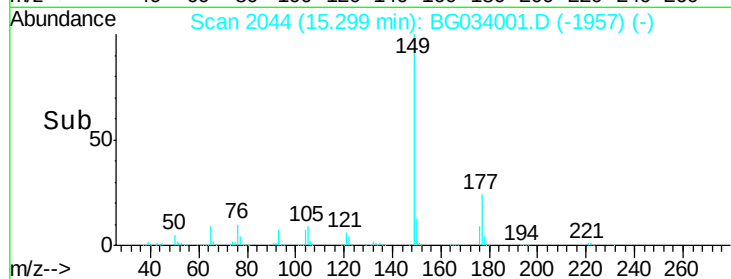
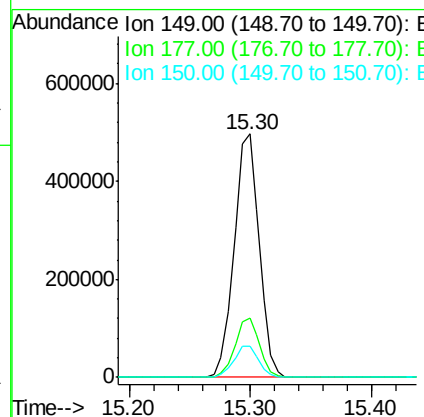
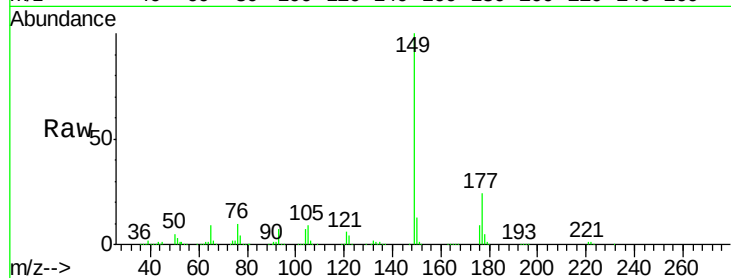
#59
Diethylphthalate
Concen: 36.972 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.5	27.7
150	13.0	10.2	15.2

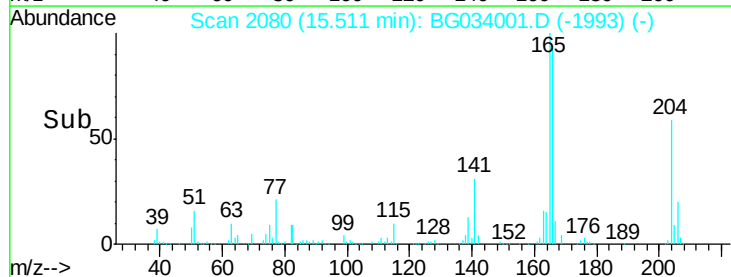
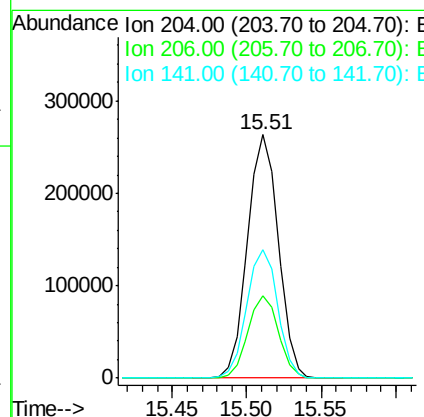
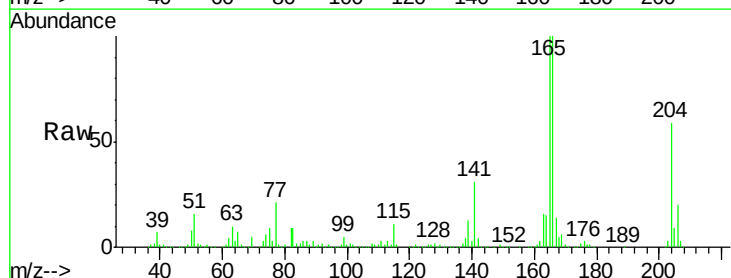
Manual Integrations
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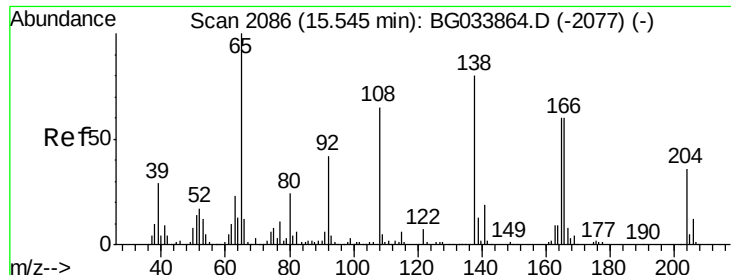
Sohil
4/26/2018 6:16:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.100 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.2	39.2
141	52.6	45.8	68.6





#61

4-Nitroaniline

Concen: 43.599 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

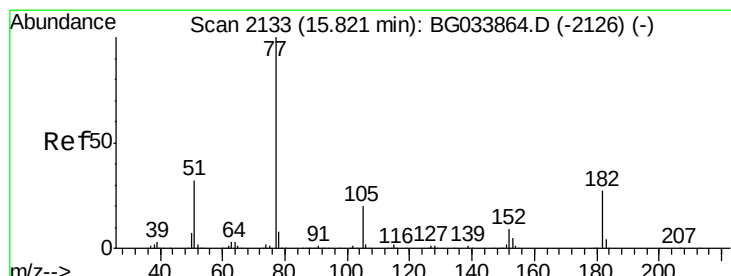
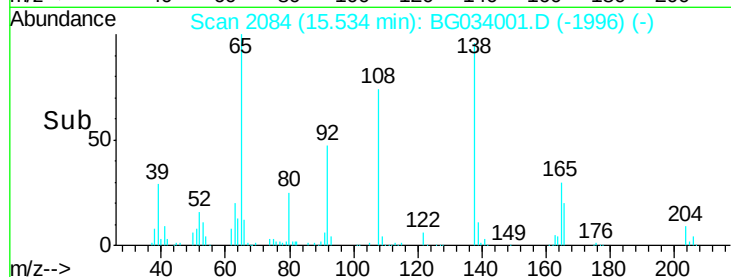
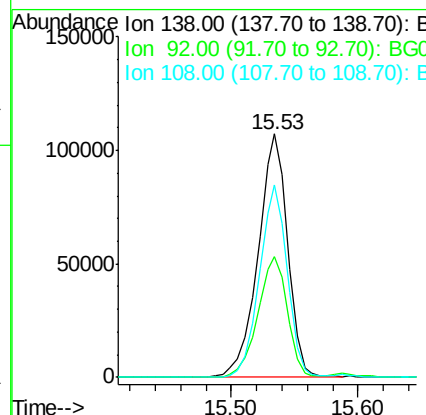
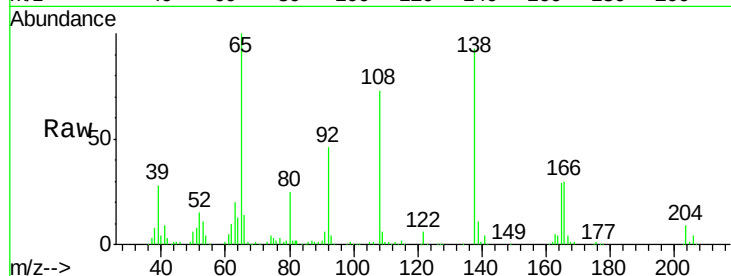
ClientSampled :

PB108579BS

Tot Ion:	138	Resp:	173844
Ion Ratio	Lower	Upper	
138	100		
92	49.6	40.1	80.1
108	78.9	65.4	105.4

Manual Integrations
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#62

Azobenzene

Concen: 36.311 ng

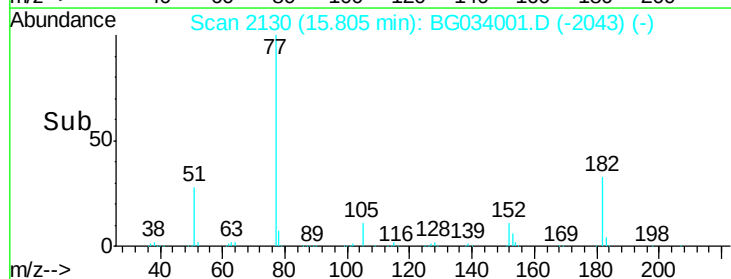
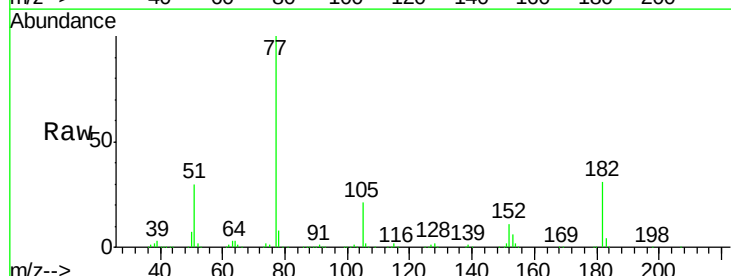
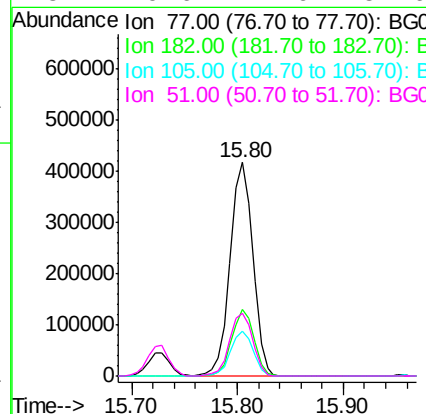
RT: 15.80 min Scan# 2130

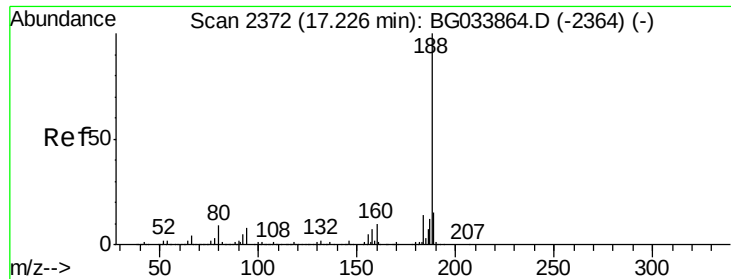
Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:	77	Resp:	624378
Ion Ratio	Lower	Upper	
77	100		
182	31.0	7.4	47.4
105	21.0	0.3	40.3
51	29.6	11.6	51.6





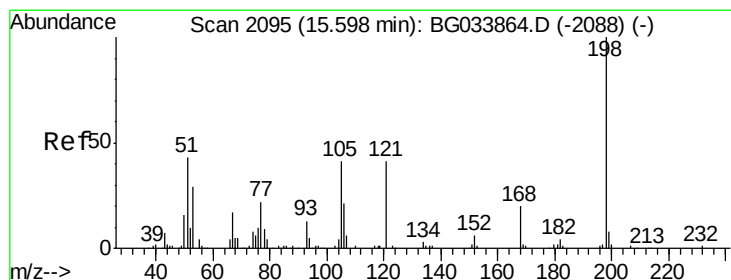
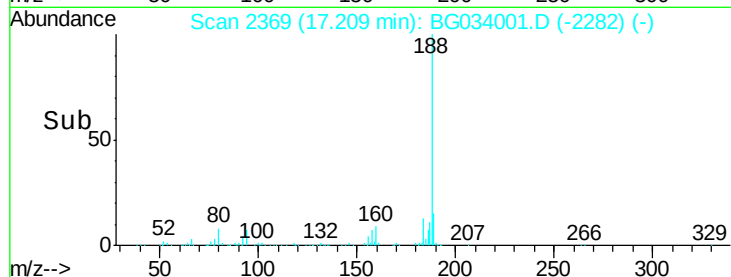
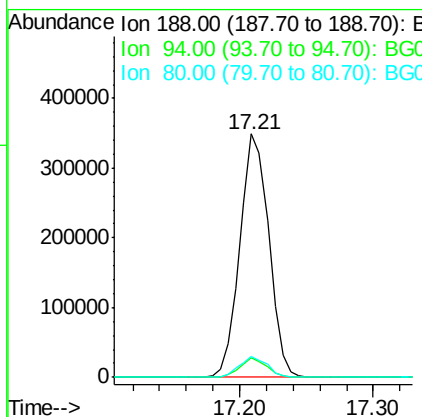
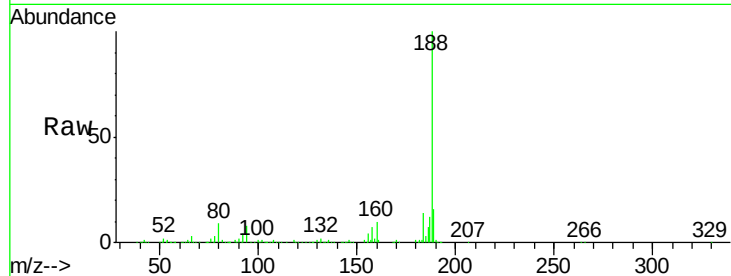
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	521886		
94	7.8		6.9	10.3
80	8.6		7.7	11.5

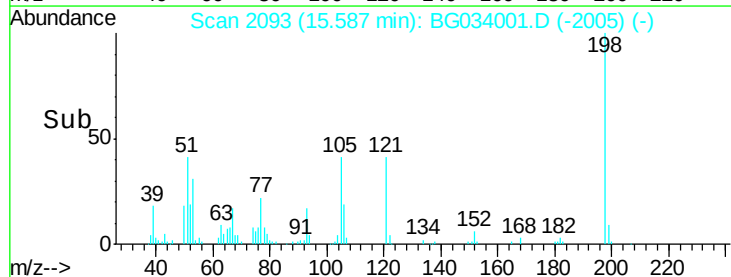
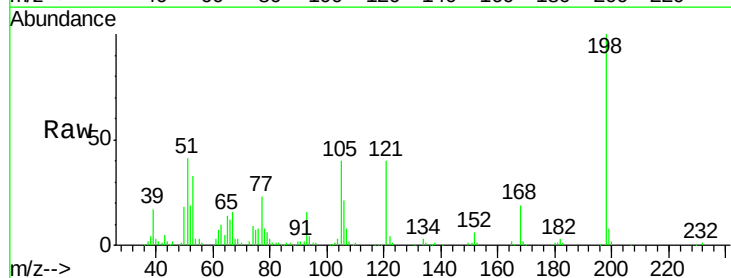
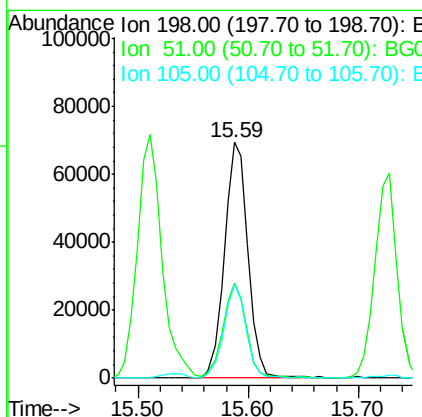
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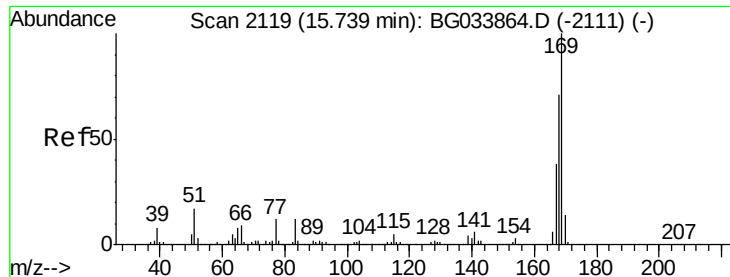
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.978 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	103126		
51	40.5		30.6	70.6
105	39.6		23.8	63.8





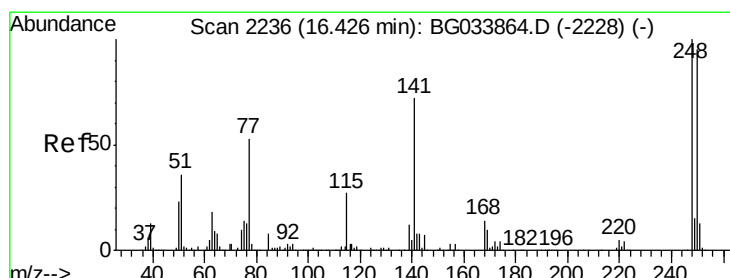
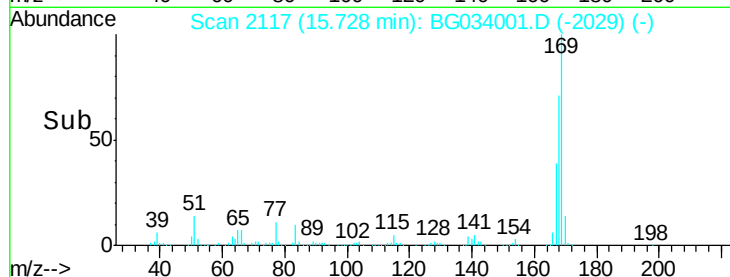
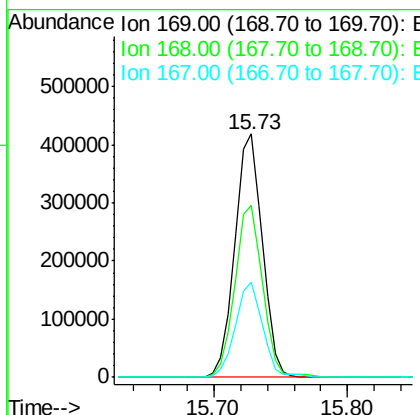
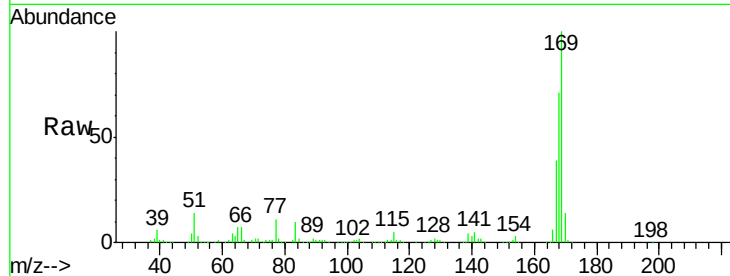
#65
 n-Nitrosodiphenylamine
 Concen: 39.525 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	599700		
168	70.8		55.7	83.5
167	39.0		30.1	45.1

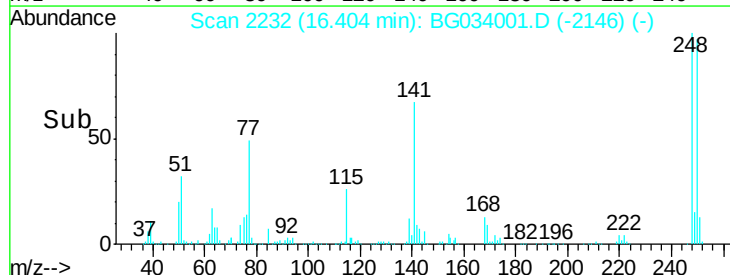
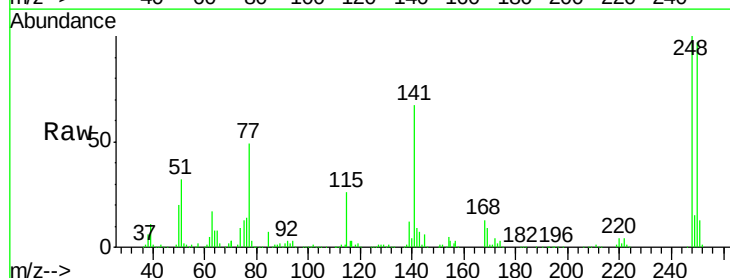
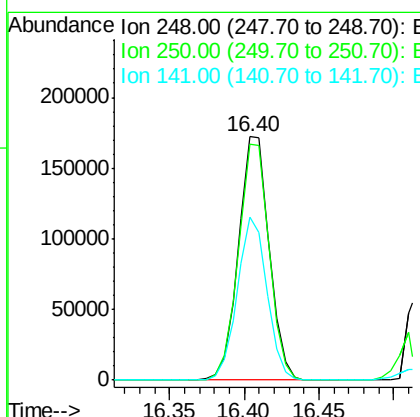
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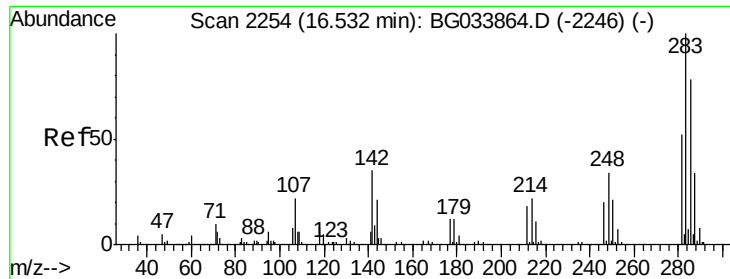
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#66
 4-Bromophenyl-phenylether
 Concen: 42.806 ng
 RT: 16.40 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	245338		
250	96.8		77.1	115.7
141	66.9		50.8	76.2





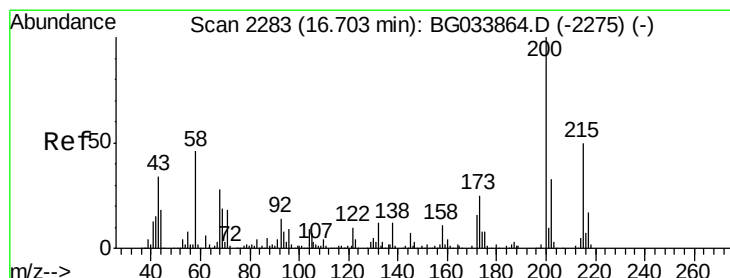
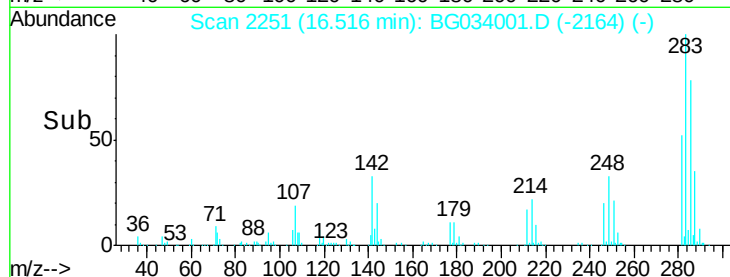
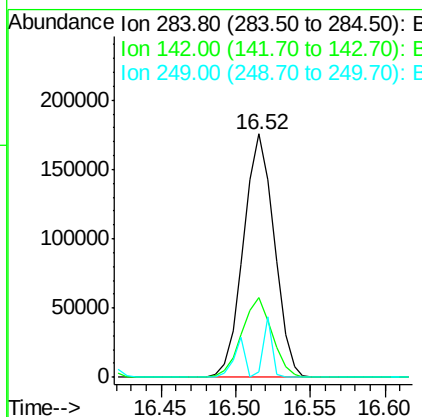
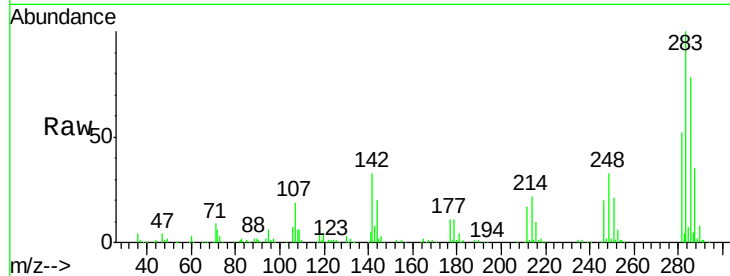
#67
Hexachlorobenzene
Concen: 40.991 ng
RT: 16.52 min Scan# 2251
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	32.7	26.8	40.2
249	2.3	26.3	39.5#

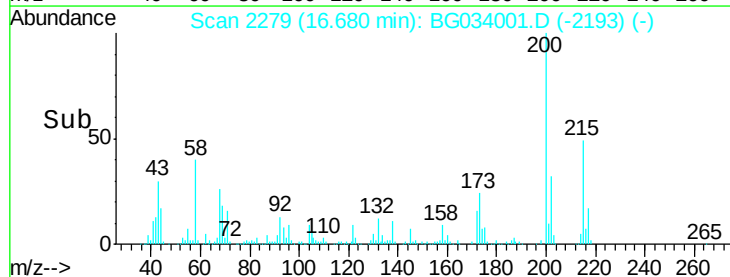
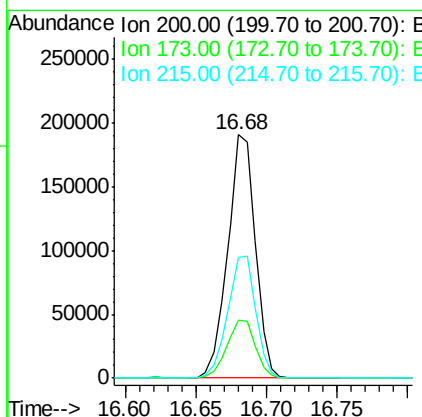
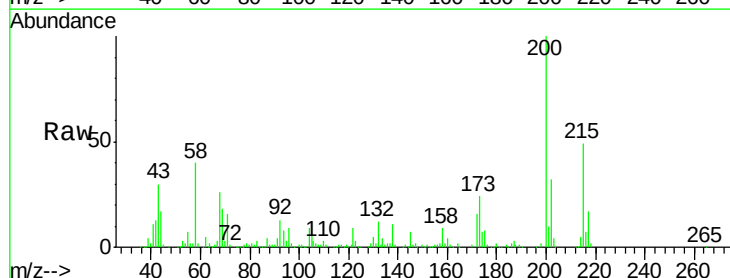
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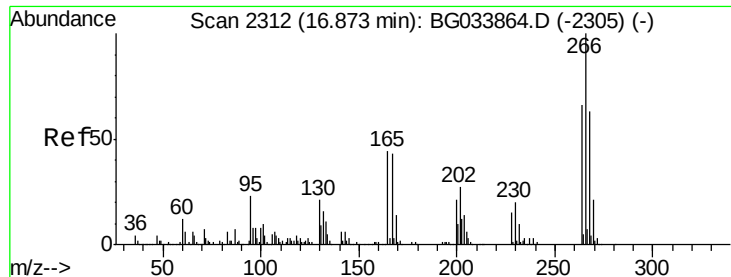
Sohil
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#68
Atrazine
Concen: 43.702 ng
RT: 16.68 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.6	5.2	45.2
215	49.5	30.4	70.4





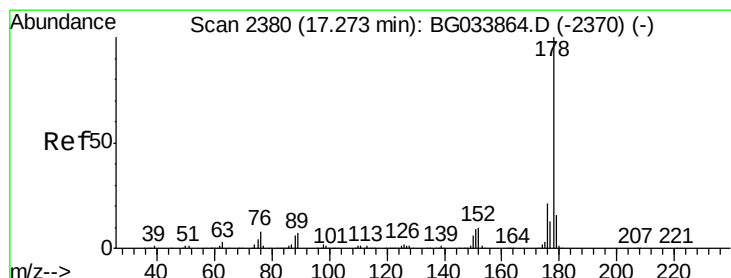
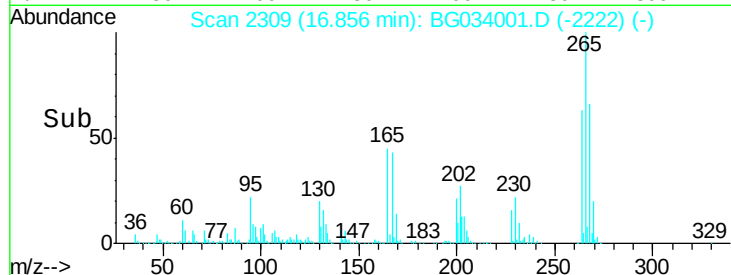
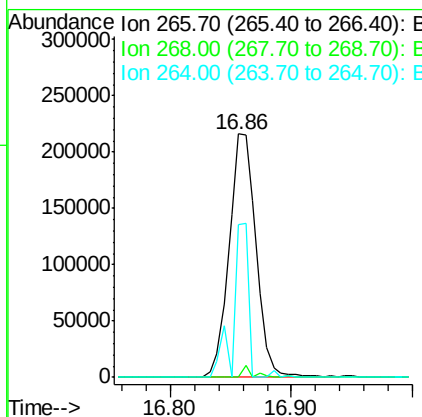
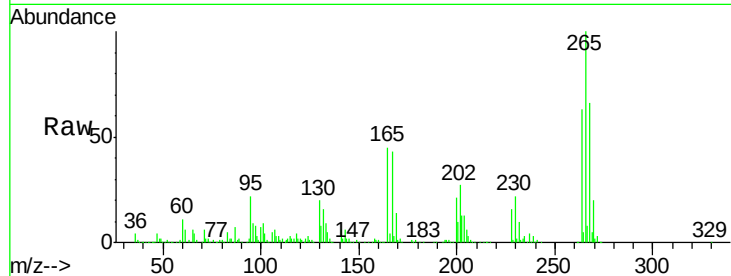
#69
 Pentachlorophenol
 Concen: 79.681 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	334541		
268	4.9	51.1	76.7#	
264	68.1	49.6	74.4	

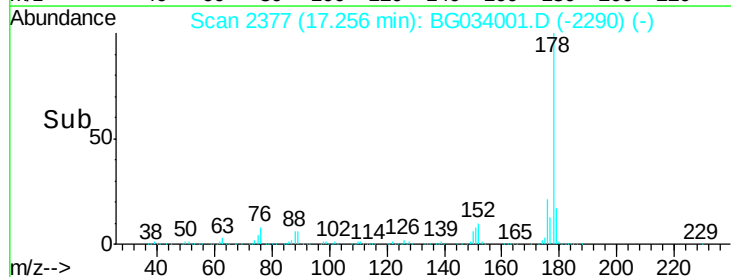
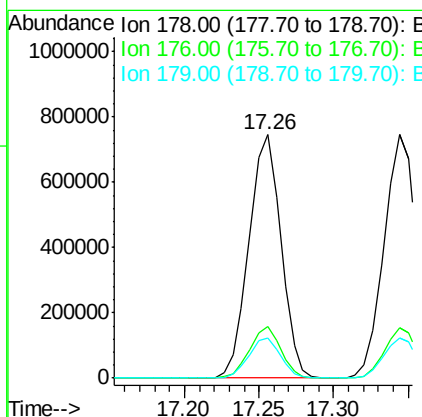
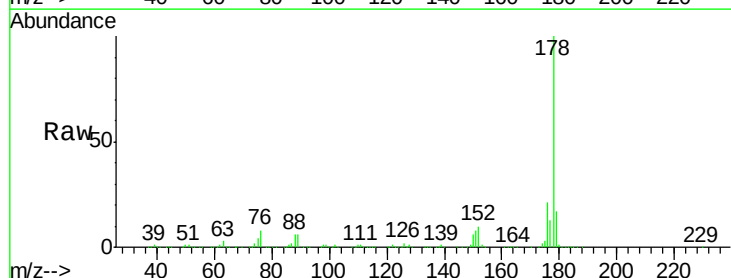
Manual Integrations
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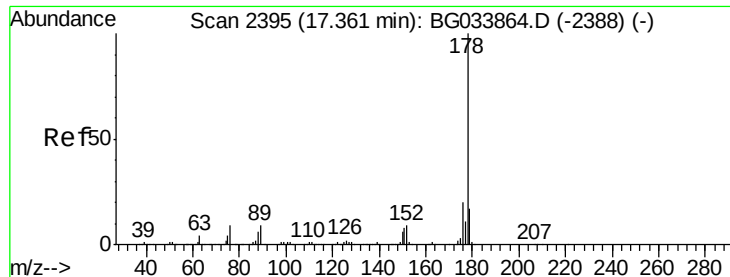
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#70
 Phenanthrene
 Concen: 39.461 ng
 RT: 17.26 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1104792		
176	21.1	15.7	23.5	
179	16.8	12.5	18.7	





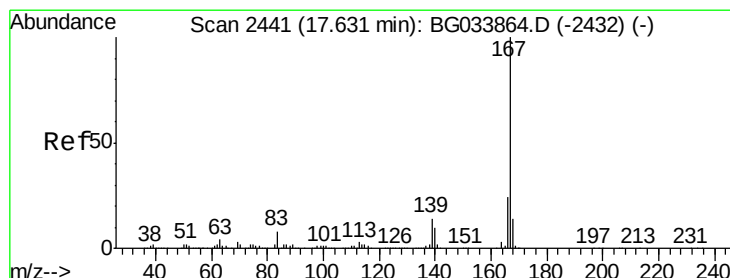
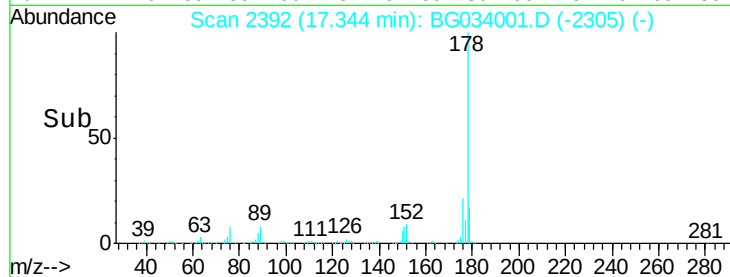
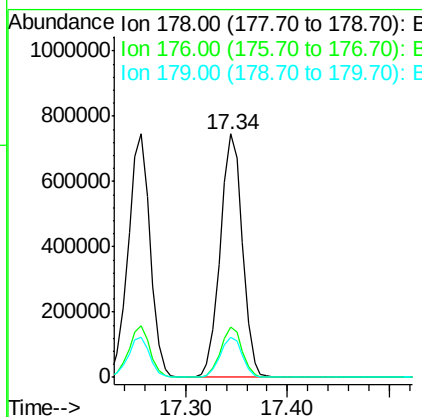
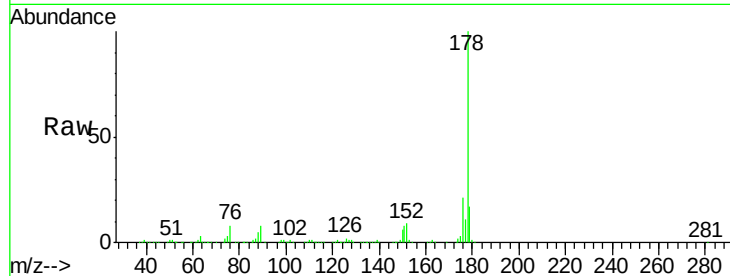
#71
 Anthracene
 Concen: 40.278 ng
 RT: 17.34 min Scan# 2392
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.6	16.0	24.0	
179	16.6	12.5	18.7	

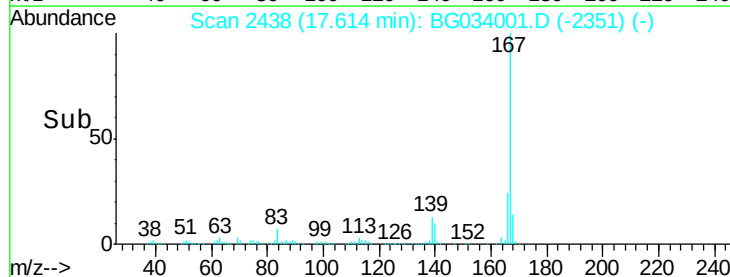
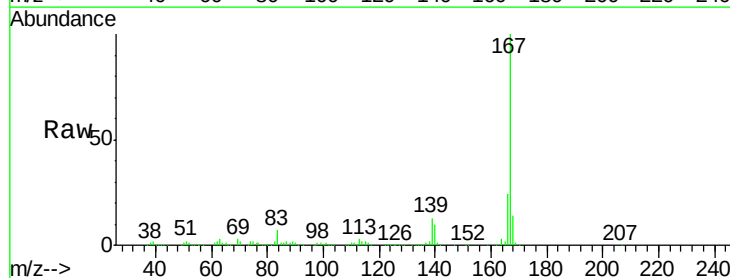
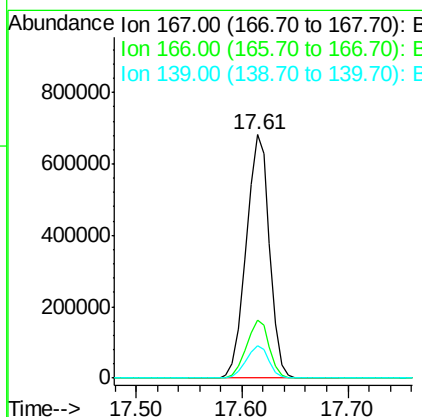
Manual Integrations
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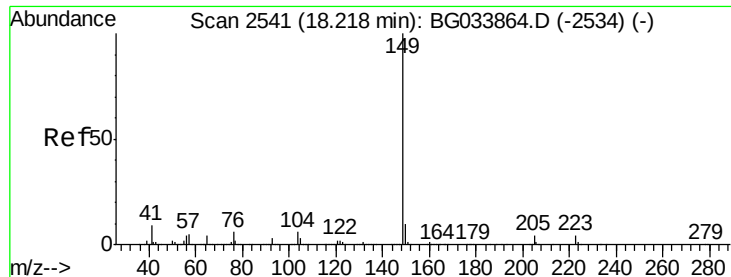
Sohil
 4/26/2018 6:16:46 PM



#72
 Carbazole
 Concen: 38.590 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	24.0	18.2	27.4	
139	13.3	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 37.734 ng

RT: 18.20 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

PB108579BS

Tot Ion:149 Resp: 1267970

Ion Ratio Lower Upper

149 100

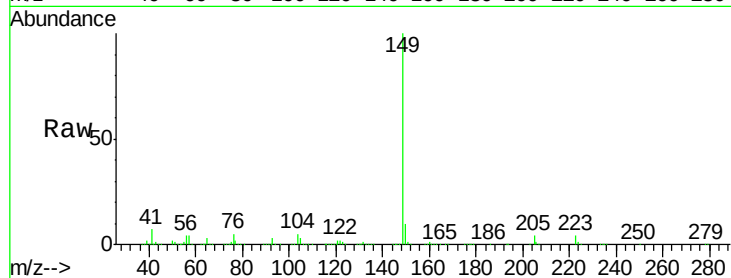
150 10.1 7.8 11.6

104 5.1 3.9 5.9

Manual Integrations
APPROVED

Sohil

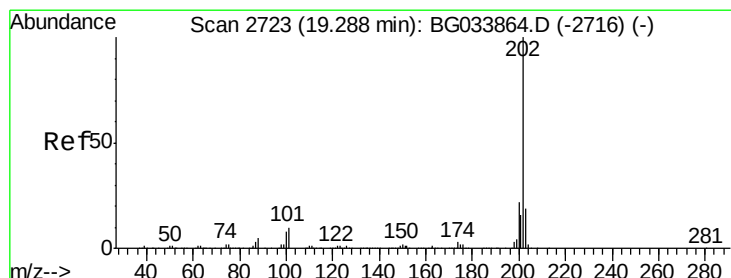
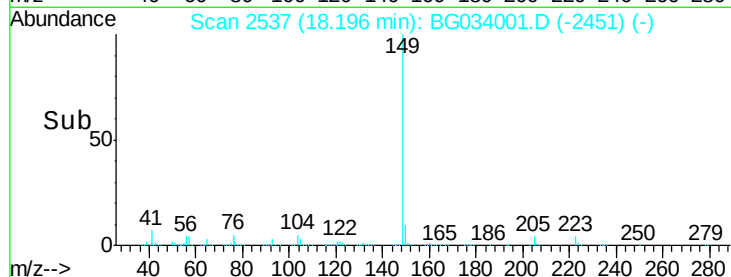
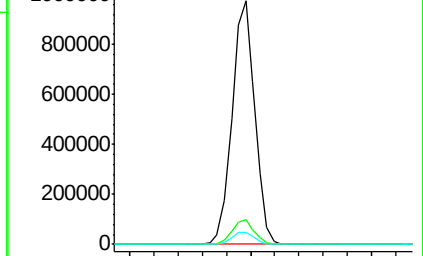
4/26/2018 6:16:46 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.807 ng

RT: 19.27 min Scan# 2720

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

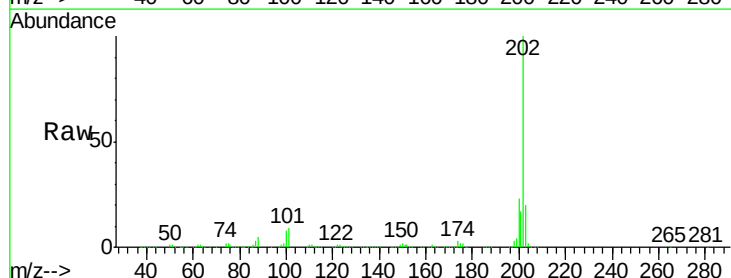
Tgt Ion:202 Resp: 1415871

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.9

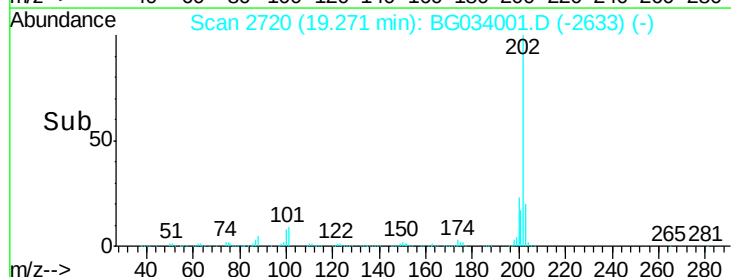
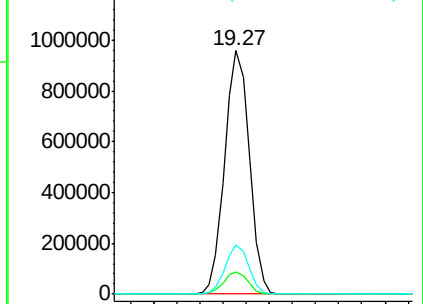
203 20.0 0.0 37.5

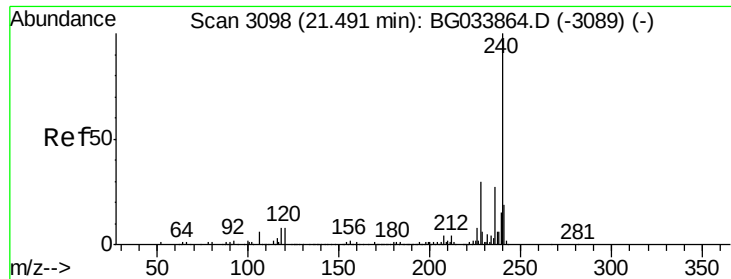


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

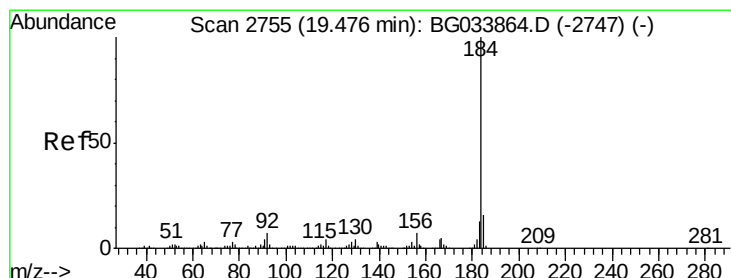
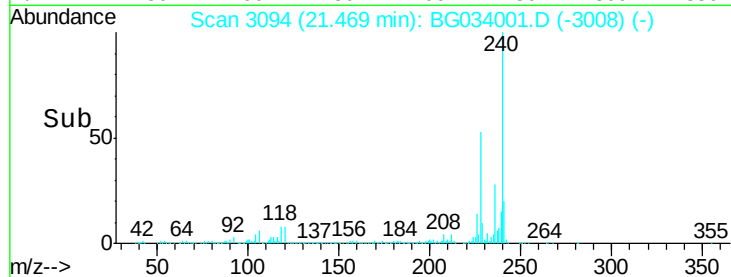
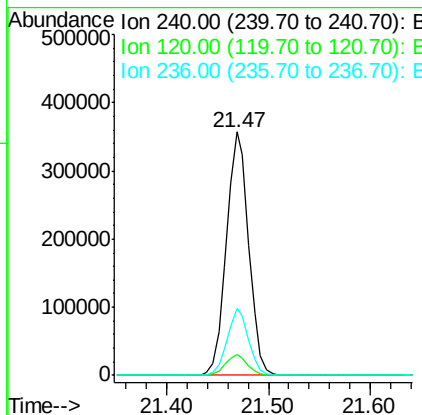
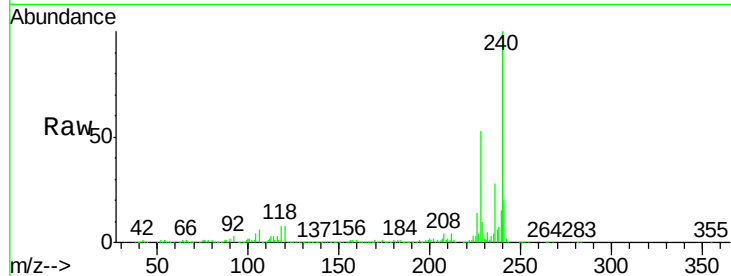
ClientSampleId :

PB108579BS

Tot Ion:	240	Resp:	541351
Ion Ratio	Lower	Upper	
240	100		
120	8.3	6.8	10.2
236	27.5	20.9	31.3

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#76

Benzidine

Concen: 30.353 ng

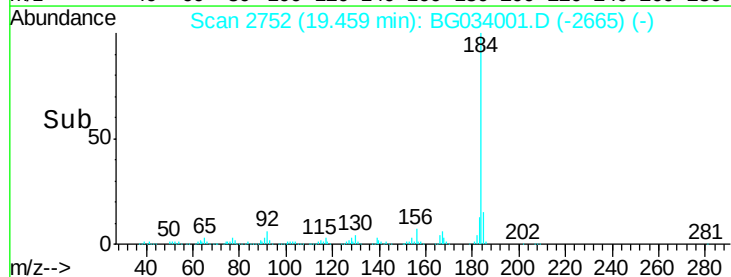
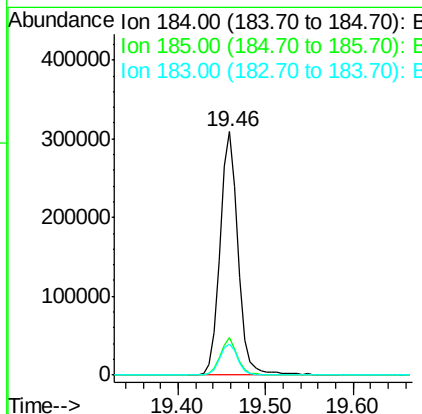
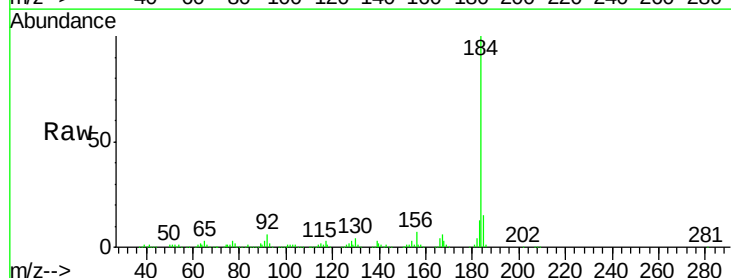
RT: 19.46 min Scan# 2752

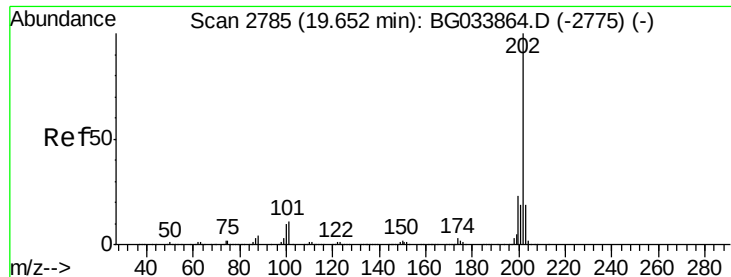
Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:	184	Resp:	443719
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.1	16.7
183	12.9	10.6	16.0





#77

Pvrene

Concen: 39.486 ng

RT: 19.64 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

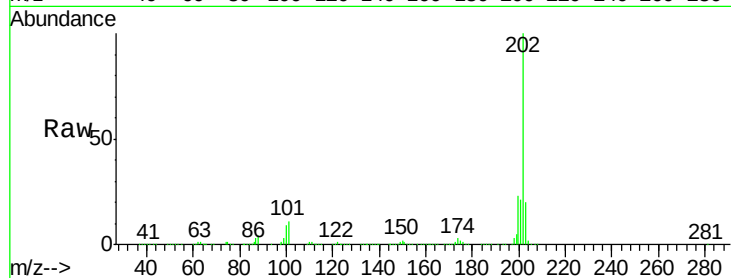
ClientSampled :

PB108579BS

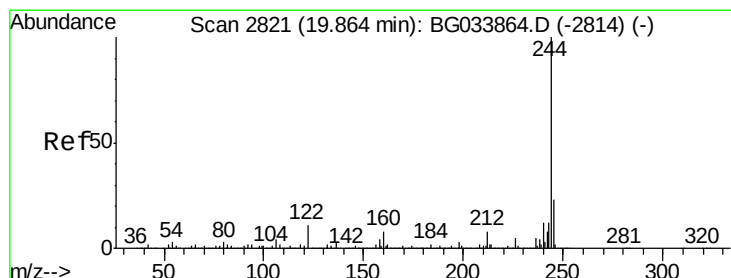
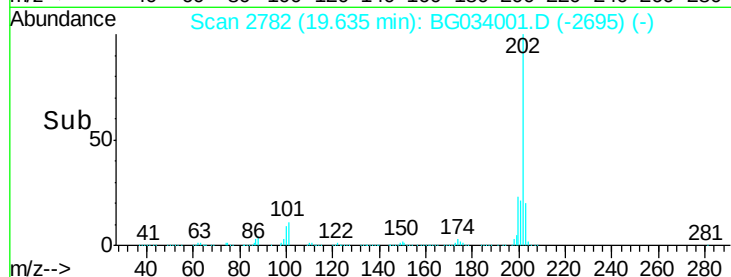
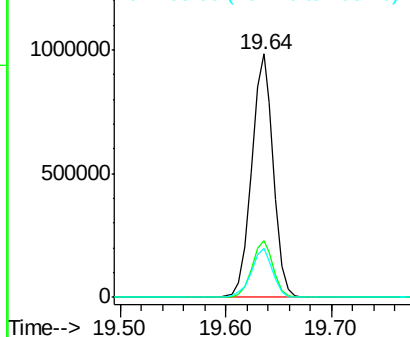
Tot Ion:	202	Resp:	1402036
Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.9	25.3
203	20.2	13.9	20.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.562 ng

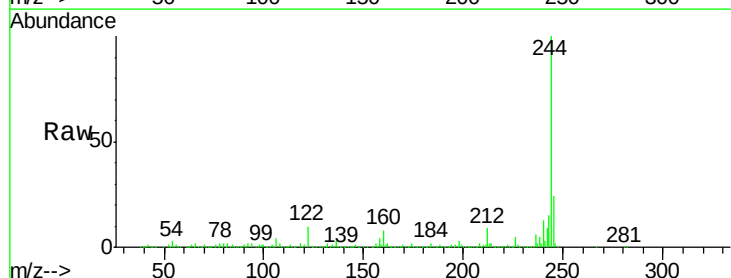
RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

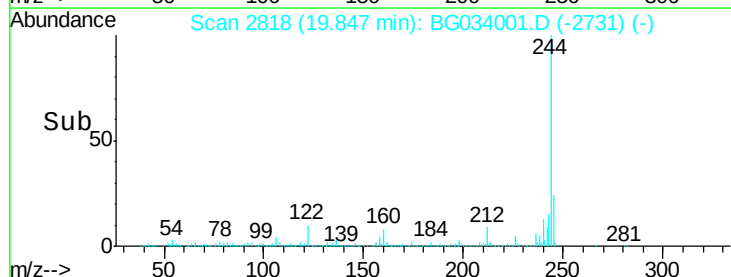
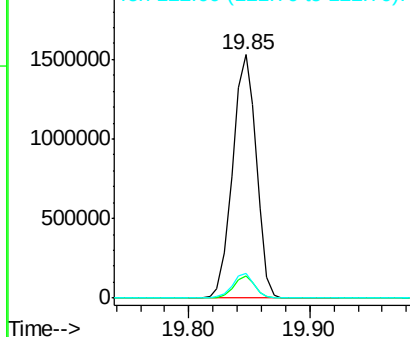
Lab File: BG034001.D

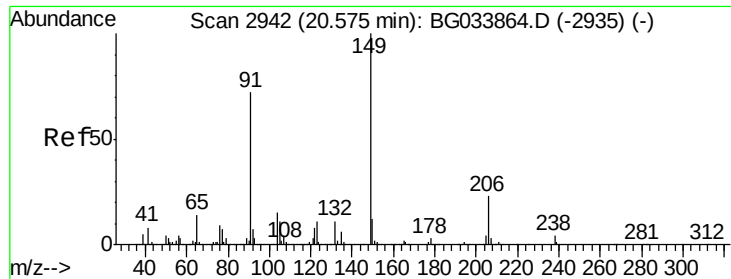
Acq: 26 Apr 2018 00:12

Tgt Ion:	244	Resp:	2085813
Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	10.3	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





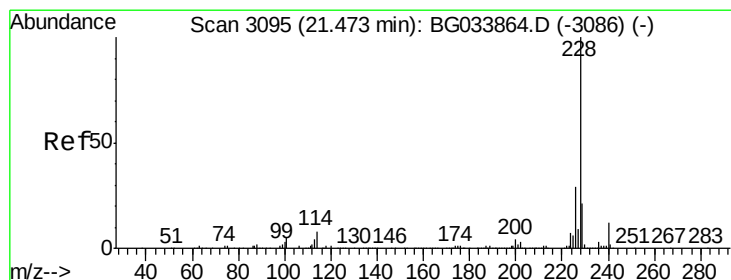
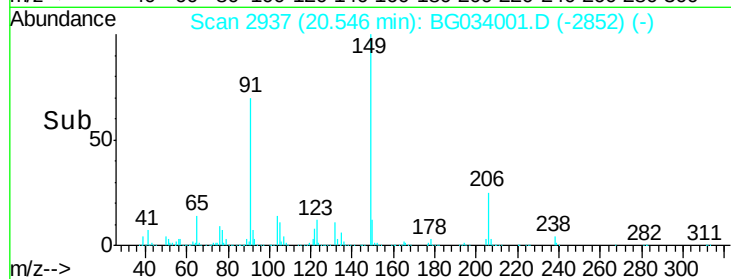
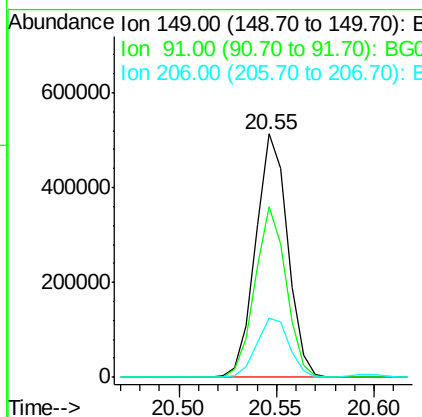
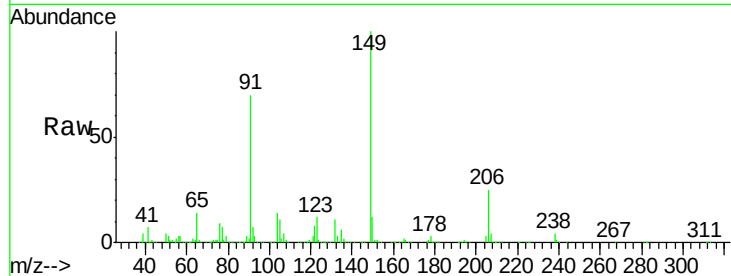
#79
Butylbenzylphthalate
Concen: 37.321 ng
RT: 20.55 min Scan# 2937
Delta R.T. -0.03 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	62.2	93.2
206	24.6	18.6	27.8

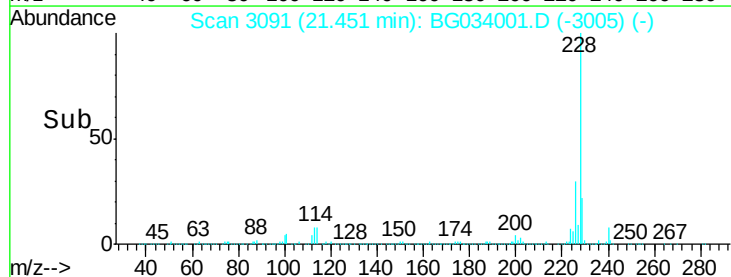
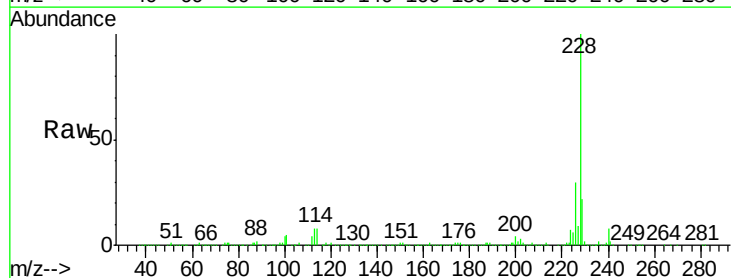
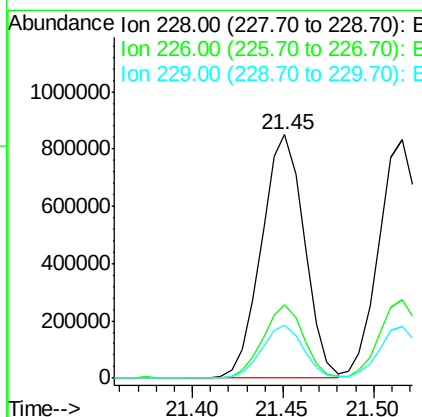
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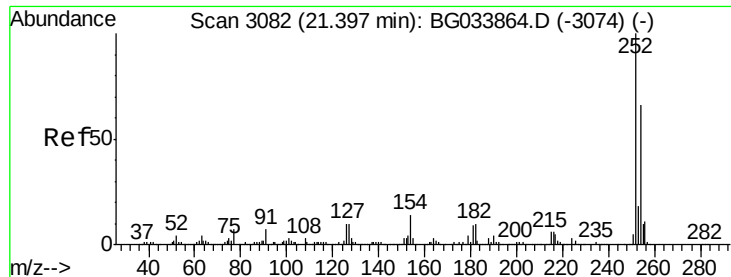
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#80
Benzo(a)anthracene
Concen: 40.945 ng
RT: 21.45 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.7	34.1
229	21.7	16.2	24.2





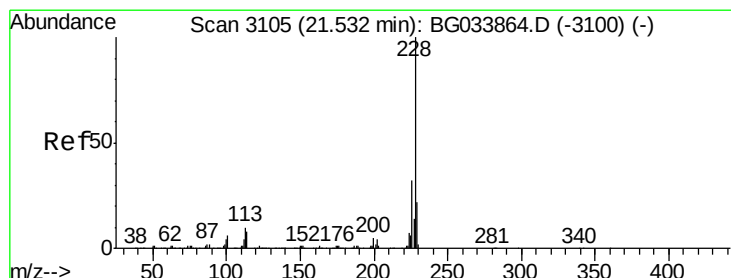
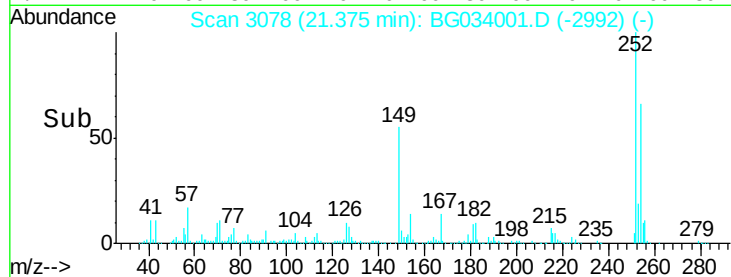
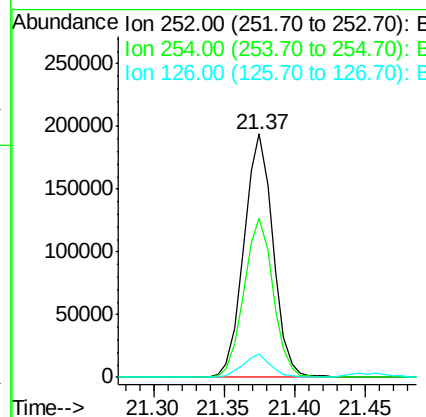
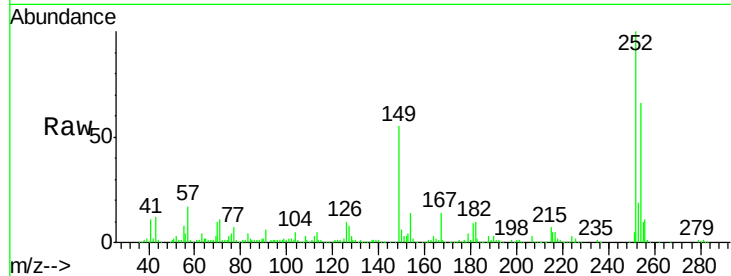
#81
 3,3'-Dichlorobenzidine
 Concen: 22.022 ng
 RT: 21.37 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampled :
 PB108579BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	280296		
254	65.5		50.8	76.2
126	9.6		7.4	11.2

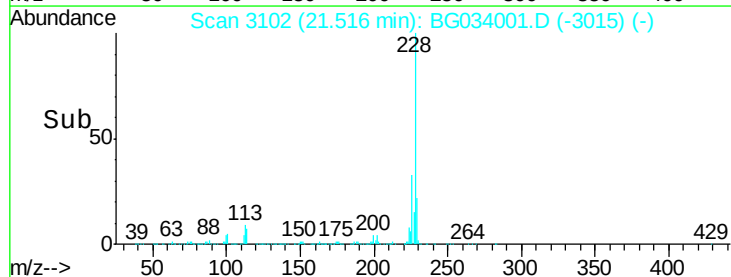
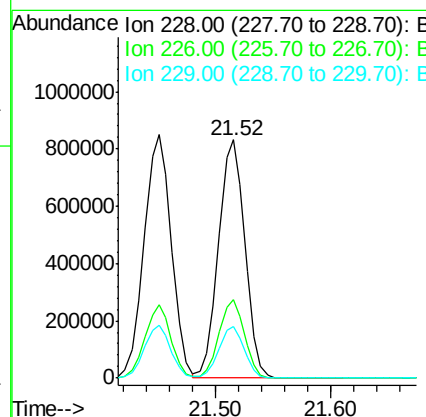
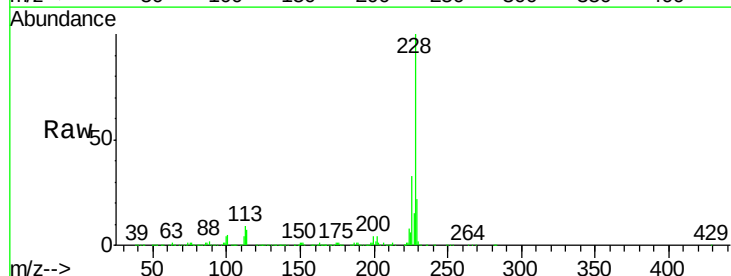
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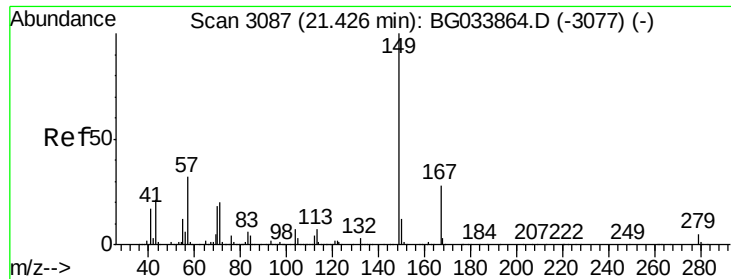
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#82
 Chrysene
 Concen: 40.211 ng
 RT: 21.52 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1310790		
226	33.0		24.9	37.3
229	21.7		15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.963 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.03 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

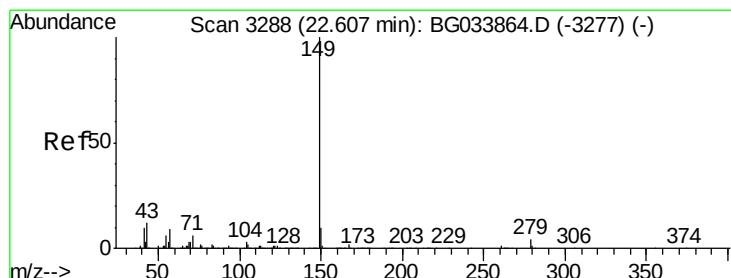
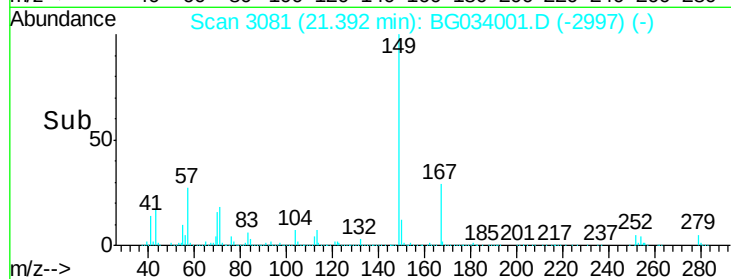
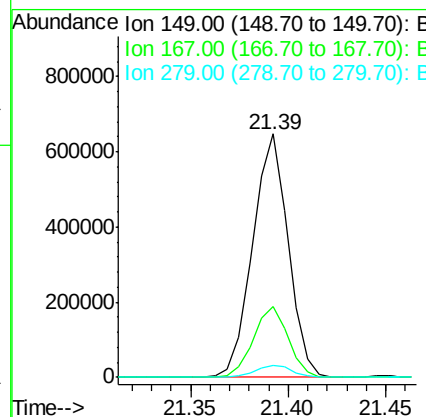
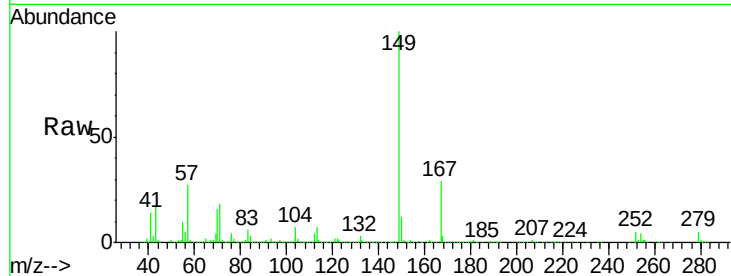
ClientSampleId :

PB108579BS

Tot Ion:	149	Resp:	813980
Ion Ratio	Lower	Upper	
149	100		
167	29.2	24.3	36.5
279	5.1	4.0	6.0

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#84

Di-n-octyl phthalate

Concen: 39.735 ng

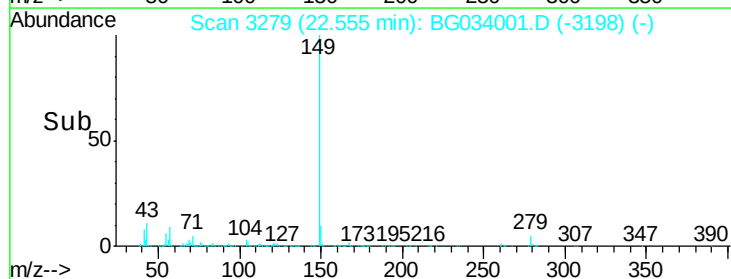
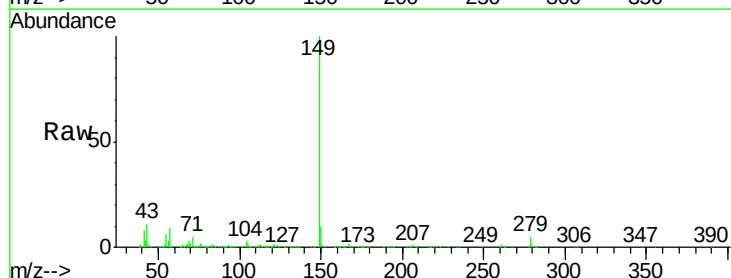
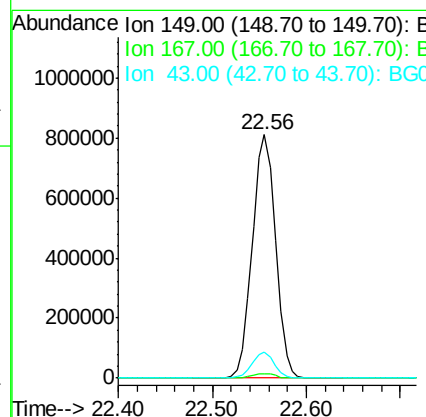
RT: 22.56 min Scan# 3279

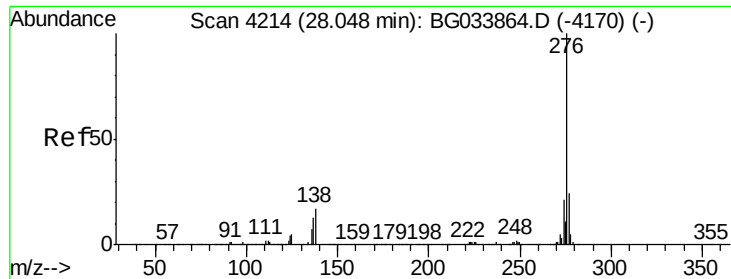
Delta R.T. -0.05 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:	149	Resp:	1388854
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	10.2	8.9	13.3





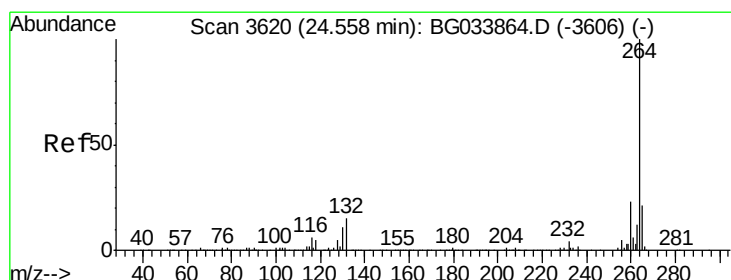
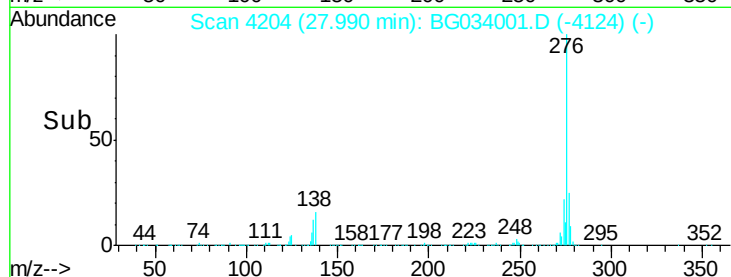
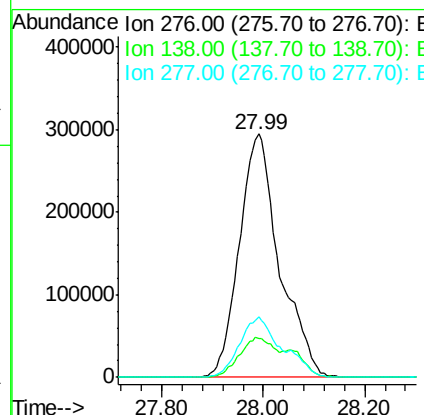
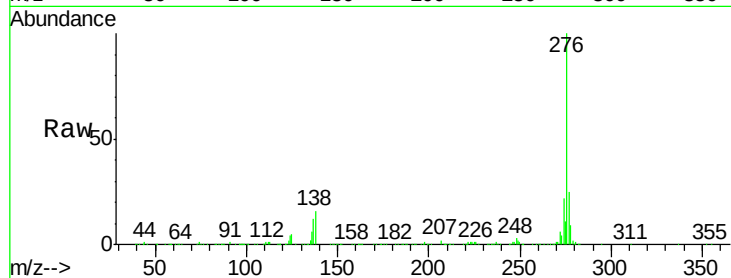
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.690 ng
 RT: 27.99 min Scan# 4204
 Delta R.T. -0.06 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.1	16.0	24.0#
277	26.1	20.0	30.0

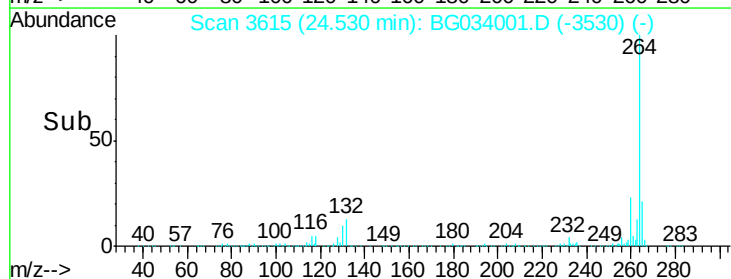
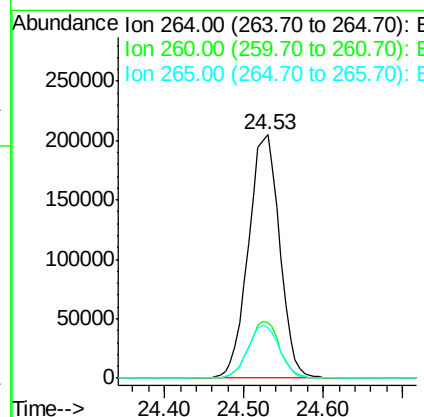
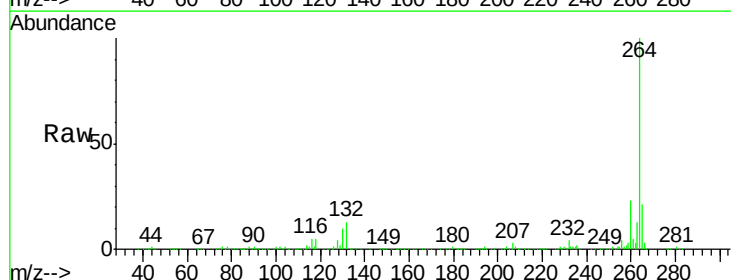
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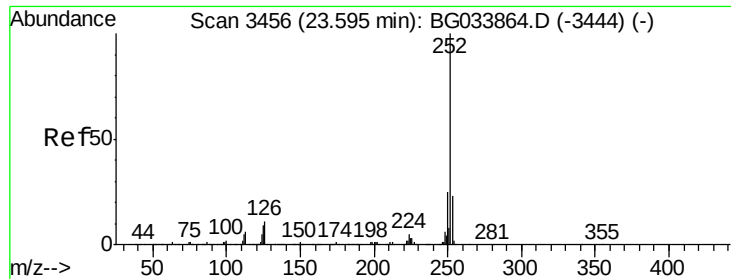
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.53 min Scan# 3615
 Delta R.T. -0.03 min
 Lab File: BG034001.D
 Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 41.198 ng

RT: 23.56 min Scan# 3450

Delta R.T. -0.03 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Instrument :

BNA_G

ClientSampleId :

PB108579BS

Tot Ion:252 Resp: 1414198

Ion Ratio Lower Upper

252 100

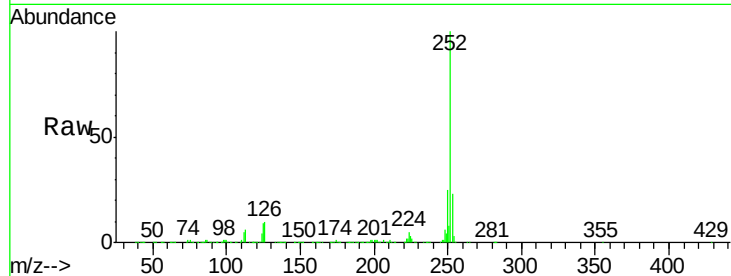
253 23.5 18.2 27.4

125 8.6 7.2 10.8

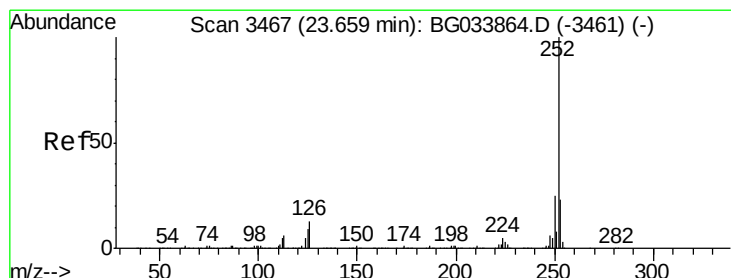
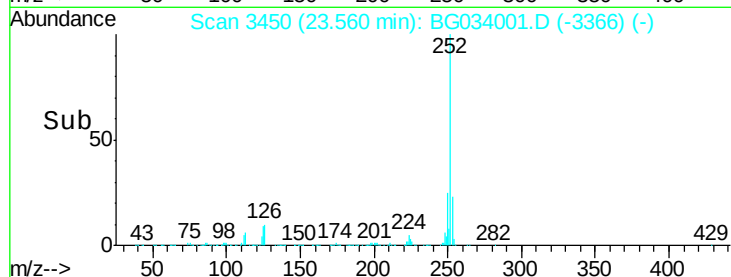
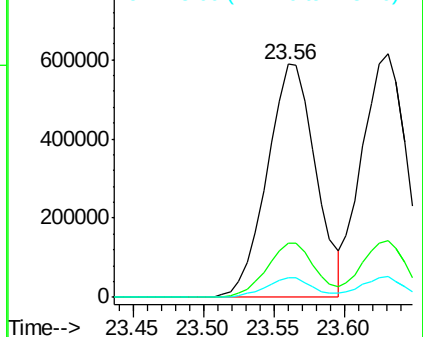
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.716 ng

RT: 23.63 min Scan# 3462

Delta R.T. -0.03 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tgt Ion:252 Resp: 1354219

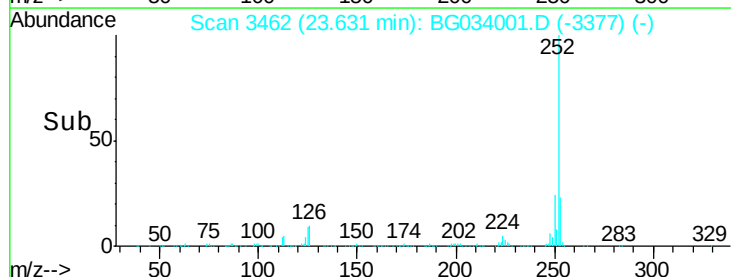
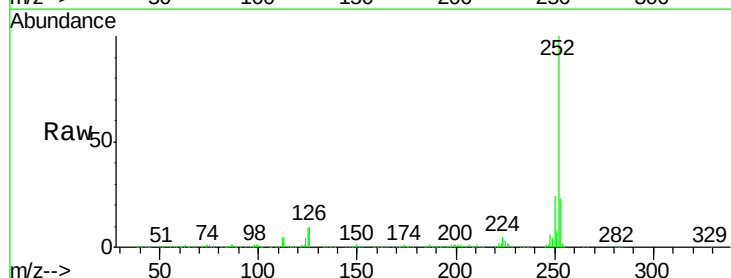
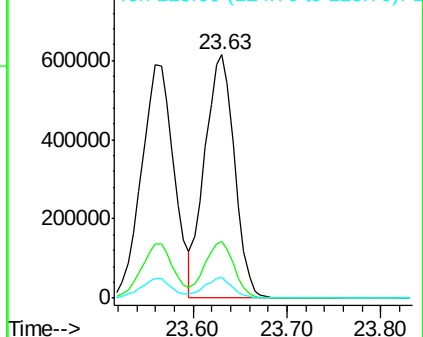
Ion Ratio Lower Upper

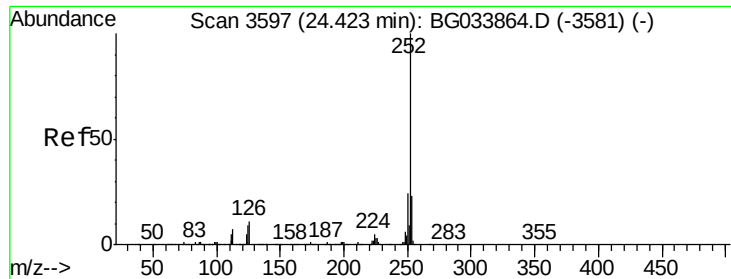
252 100

253 23.1 17.4 26.2

125 8.5 6.6 9.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





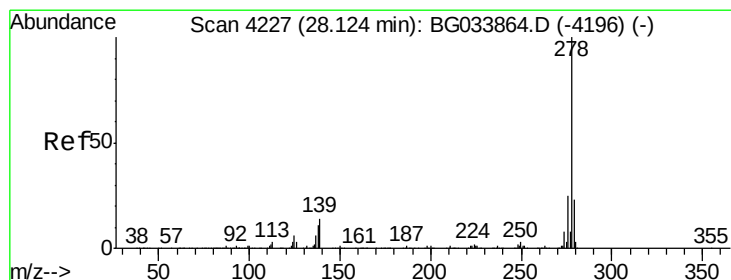
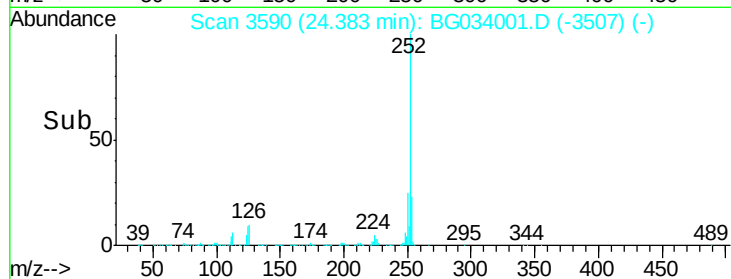
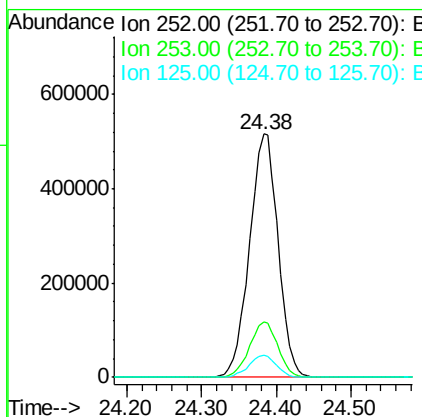
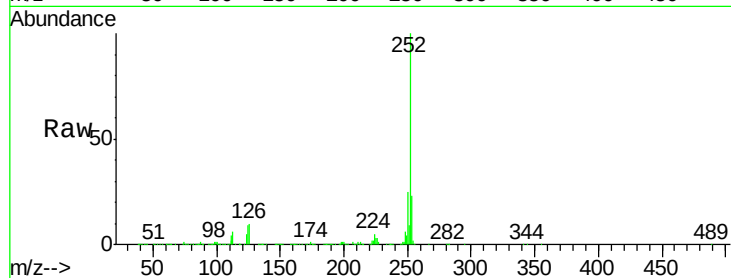
#89
Benzo(a)pyrene
Concen: 41.659 ng
RT: 24.38 min Scan# 3590
Delta R.T. -0.04 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PB108579BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	9.0	7.3	10.9

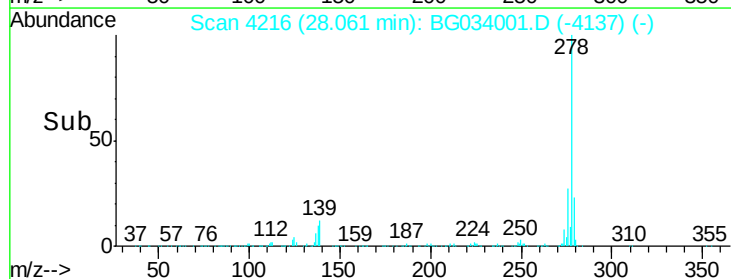
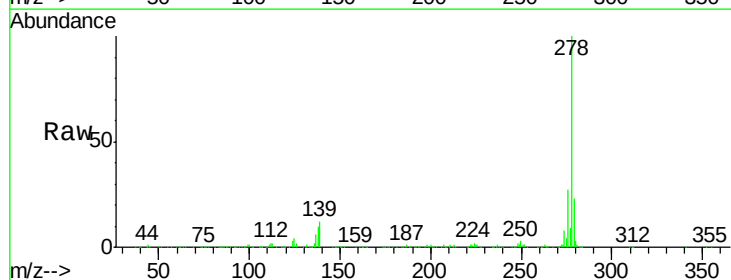
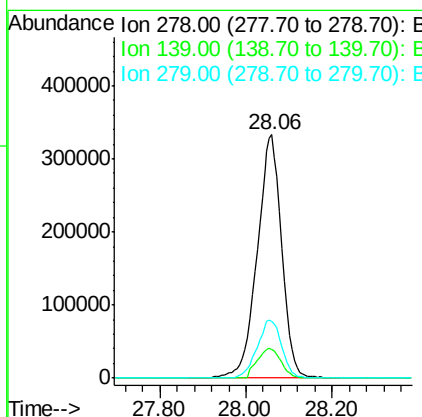
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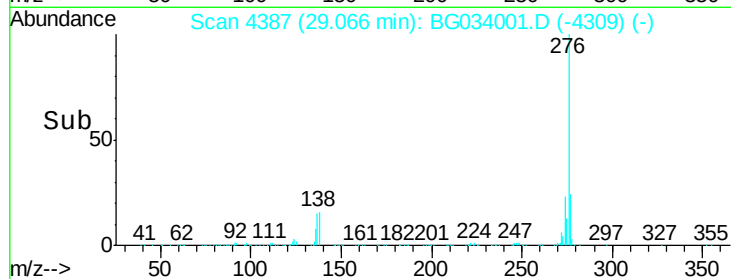
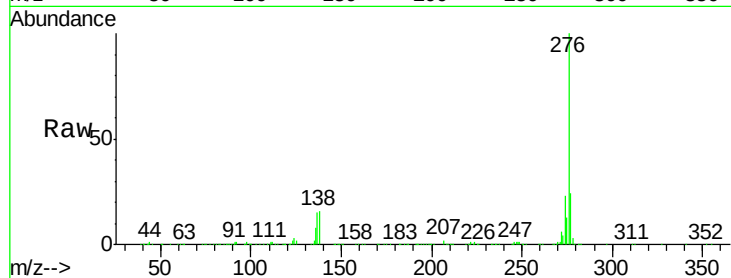
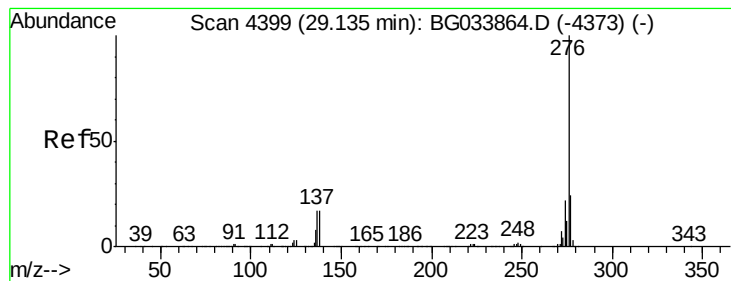
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#90
Dibenzo(a,h)anthracene
Concen: 42.291 ng
RT: 28.06 min Scan# 4216
Delta R.T. -0.06 min
Lab File: BG034001.D
Acq: 26 Apr 2018 00:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.8	14.6
279	23.1	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 42.879 ng

RT: 29.07 min Scan# 4387

Delta R.T. -0.07 min

Lab File: BG034001.D

Acq: 26 Apr 2018 00:12

Tot Ion:	276	Resp:	1342158
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.3	27.5
138	16.3	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB108579BS

Manual Integrations
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